

The Challenge of Doubling Renewable Energy in the APEC Region by 2030

Anil Pahwa

Kansas State University, USA

Biography

Dr. Anil Pahwa is Professor and holds the Logan-Fetterhoof Chair in Electrical and Computer Engineering at Kansas State University, where he has worked for the past 32 years. His expertise lies in smart grid and renewable energy with a goal to make electric power systems more resilient and sustainable. Dr. Pahwa has served as officer in several Institute of Electrical and Electronics Engineers (IEEE) Power and Energy Society (PES) committees over the past 20 years. He was Chair of Power and Energy Education Committee in 2012 and 2013, and presently he is an Editor of IEEE Transactions on Power Systems. Dr. Pahwa received the IEEE PES Douglas M. Staszkesky Distribution Automation Award in 2012 for his research contributions. He has authored over 200 articles and received the Prize Paper Award in 2013 from the IEEE PES. He received Erickson Public Service Award in 2011 and Frankenhoff Outstanding Research Award in 2012 from the College of Engineering of Kansas State University. He worked in the U.S. Department of State as a Jefferson Science Fellow for a year from 2014 to 2015 providing scientific support for international policies related to energy. His assignments in the Office of Economic Policy in the Bureau of East Asian and Pacific Affairs (EAP/EP) included energy issues, science and technology innovation, infrastructure financing, and urbanization mainly covering the APEC region. He specifically focused on policies to increase share of renewable energy for electricity generation and utilization, and to leverage innovations in renewable energy and smart grid technologies to enhance off-grid electricity access to remote communities of the world. Dr. Pahwa received B.E. in electrical engineering from Birla Institute of Technology and Science (BITS) – Pilani, India in 1975, M.S. in electrical engineering from University of Maine – Orono in 1979, and Ph.D. in electrical engineering from Texas A&M University in 1983. He was selected a Distinguished Alumnus by BITS in 2014. He is a Fellow of IEEE.