

## EXECUTIVE BIOGRAPHY **Douglas J. Howe Energy Imbalance Market Governing Body**

Dr. Howe has over 33 years of experience in the global utilities industry having served as a consultant and advisor, state utility regulator, and utility executive.

Currently, Dr. Howe is an independent consultant in the electric industry having worked with utilities, environmental advocacy, unions and other organizations on rate design, energy efficiency, renewable energy and infrastructure resiliency. In 2011, the New Mexico governor appointed him to the New Mexico Public Regulation Commission. He has worked for consulting company IHS CERA as lead of their global power consulting group. Prior to that he was Vice President of Regulatory Policy at GPU, Inc., a multinational electric utility company.

Dr. Howe has authored and co-authored over 30 papers and formal presentations on issues regarding energy efficiency in the European Union, utility merger and acquisition in the U.S., nuclear generation options in the Middle East, energy market distortions in Asia, and distribution utility regulation in the United Kingdom. He has provided expert witness testimony in cases in Nevada, Michigan, Colorado and New Mexico.

Dr. Howe received a Bachelor of Science degree in Mathematics from Kansas State University in 1972, a Master of Science in Mathematics from University of Pennsylvania in 1974, and his Ph.D. in Mathematics from the University of Pennsylvania in 1977.

Dr. Howe was appointed July 1, 2016. His term ends June 30, 2018.