



Michael G. Andrew

Johnson Controls - Power Solutions

Michael Andrew joined Johnson Controls in 1979 and currently serves as Director of Academic and Technical Programs, Engineering and Product Development for Johnson Controls Power Solutions business. In this role, he coordinates partnerships with key academic institutions and federal laboratories positioned to help Power Solutions realize its technology commercialization goals. Mike serves as technical specialist for research and development pertaining to advanced technologies and processes with a focus on delivering improvements required to

enhance Power Solutions' technology leadership. He also supports Johnson Controls' government relations team to educate global legislators about the benefits of electric drivetrain technology as an alternative form of transportation.

Previously, Mike served as Johnson Controls Power Solutions' Director of Government Affairs and Communications for the Technology and Innovation Group and as Program Manager for the company's Lithium-ion battery development contracts with the United States Advanced Battery Consortium. He helped the company draft a proposal to the Department of Energy for Advanced Battery Manufacturing which received the largest grant award of \$299.2 million. Other company positions Mike has held include Project Manager for Advanced Battery Technology Programs, including electrical vehicle battery development for the Department of Energy and Bipolar battery development for the U.S. Air Force and the CIA. Mike was the design manager for the Johnson Controls Inspira® lead acid battery, a high-power design that granted benchmarks in specific power density for lead acid batteries.

Mike received his Bachelor of Science in chemical process engineering from the University of Wisconsin-Milwaukee. He is a member of the Society of Automotive Engineers, Governance Board of the Joint Center for Energy Storage Research at Argonne National Laboratory and the External Advisory Board at The Ohio State University Center for Automotive Research. He is the recipient of 12 United States patents.