

Technologically Advanced and Rapidly Deployable Integrated Power and Water Systems that Minimize Logistics Tails

Tuesday, October 8, 2024 | 12:00–12:50 pm PST | MAE Auditorium, Bldg #255

Mr. Robert L. Campbell

Founding Executive Chairman of CAP Water & Power International, Inc.

Abstract

The U.S. military sees a growing need in its Indo Pacific and other areas of operation for integrated expeditionary water and power systems that minimize logistics tails. The Marine Corps currently has several active development programs underway in response to specific directives from its Installation Command to address serious power and water issues. Safe, secure, sustainable access to low-cost and environmentally friendly power and water is critical for force projection, resilience, base protection, and to address community concerns. The presentation will inform of breakthrough technology developments accomplished by CAP (and now CAPWAPII) in advanced seawater desalination using renewable energy.



Mr. Robert L. Campbell
Founding Executive Chairman of CAP Water
Power International, Inc.

Biography

Robert L. Campbell is the Founding Executive Chairman of CAP Water & Power International, Inc. Known worldwide as a pioneer in economic, high technology seawater desalination with integrated renewable energy sources, Mr. Campbell has over 40 years of business and industrial experience, including more than 20 years as a CEO, Staff Scientist and Senior Executive in the high technology sectors of the defense industry.

Previously, Mr. Campbell was the founding Chairman, President and CEO of Advanced Counter Measure Systems Inc., and is a well-respected expert in the field of defense technology conversion and COTS as well as foreign technology conversion for defense. For several years, he served the National Academy of Science, Naval Studies Board, National Board of Directors of the American Electronics Association (AEA), and founded the Sacramento Entrepreneurial Academy along with the local chapter of the AEA.

While on U.S. Army active duty, Mr. Campbell directed EMP simulator design, construction and deployment for the Safeguard Anti-Ballistic Missile System at Ft. Huachuca, Arizona. He also fielded Active Electronic Warfare Systems for the US Army Electronic Proving Grounds, STRATCOM and various agencies while assigned to Ft. Huachuca and Ft. Monmouth Signal Center and School.

Mr. Campbell holds science, engineering, and management degrees and certifications from St. Mary's College of California, UC Berkeley, the University of Arizona, Stanford University and Johns Hopkins University. Mr. Campbell has numerous publications and patents, many of which are still classified at TS-SI-TK or SA levels.



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