



Jim Baak, Senior Manager for Regulatory Affairs, West Stem, Inc. Jim leads Stem's regulatory and legislative policy work in the Western US, where he works to create state and regional policies, regulations and legislation to support energy storage to support a clean energy future. He has nearly 30 years of experience in the utility industry in a variety of sectors, including both investor-owned and publicly-owned utilities and several start-up energy services software firms. During this time, he served as Chair of the Western Electricity Coordinating Council's Scenario Planning Steering Group, which was charged with developing long-term scenario plans for the Western Interconnection. He has served as an advisor to several university and Federal research programs relating to solar energy, energy storage, and renewable energy integration, including the NSF funded Solar Energy-Water-Environment Nexus research program for the Nevada System of Higher Education.

Jim was appointed by two successive Governors to the Nevada State Office of Energy's New Energy Industry Task Force, helping shape Nevada's electric transmission and renewable energy policies. He has testified before regulatory and legislative bodies at the state and federal level, including before the US House of Representatives Natural Resources Committee. He served on the Board of Directors Interwest Energy Alliance and was a featured author the recently published anthology [Innovation and Disruption at the Grid's Edge](#) (Academic Press, 2017).

Prior to joining Stem, he served as Program Director for Grid Integration for the nonprofit group Vote Solar, where he helped craft policies and regulations on Distributed Resources Planning, resource and transmission planning and variable resource integration. Jim previously worked for PG&E, where he helped manage the California Solar Initiative program, worked on metering and performance monitoring systems and chaired a working group to establish national certification standards for inverter based meters. Before joining PG&E, he served as Director of Utility Services for the Powel Group, Norwegian-based startup software and consulting firm where he provided consulting and sales services for their utility geospatial information systems and grid optimization software products.

Jim also served as the Director of Emerging Markets for the Internet startup Utility.com where he helped launch the company's billing and utility services in newly deregulated markets around the country. He spent the first half of his career in the public power sector, first as a rate analyst with a joint powers authority in North Carolina, Electricities of N.C., Inc, and later with Alameda Power & Telecom, a municipally-owned utility in the San Francisco Bay Area, where he assumed ratemaking and cost-of-service analysis responsibilities, and also developed and managed their electric vehicle program.

Jim has a Bachelor of Science degree in economics from the University of South Carolina, where he graduated magna cum laude.