

## Biographical Sketch of

### EMIL PEÑA

Mr. Peña is President of President of Emil Peña Interests, Inc., a government affairs company that advocates for clients at the federal state and local levels. The firm is also leading a microgrid company focused on industrial power solutions on the Houston Ship Channel and beyond. With close connections in Ukraine, the firm also has exclusive and nonexclusive agreements with the government to provide Liquefied Natural Gas (LNG) to the country.

The firm also works with the CORRPRO Company on infrastructure issues focused on material science and interactions with insurance firms providing additional values. And has worked for companies like Siemens USA, Atlantic Richfield and TransTexas Gas in the areas of government and energy.

Prior to his current positions, Mr. Peña served as the Executive Director of National Corrosion Center at Rice University and the Energy and Environmental Systems Institute. In this role he managed faculty- and student-led programs that focused on research in material science, energy, and the environment, including water recycling technologies and developed a unique patent. Like his current work, the projects under Mr. Peña integrated the private industry knowledge and personnel in the energy and corrosion space. He dealt with utility infrastructures, conventional oil and gas technologies, as well as sustainable sources of energy. While at Rice University he also started and led the Global Energy Safety Institute with trained unemployed NASA safety workers into oil and gas energy jobs successfully for over 4 years.

Mr. Peña served the U.S. Department of Energy (DOE) as the Deputy Assistant Secretary for the Office of Natural Gas and Petroleum Technology, Office of Fossil Energy. In this position he was responsible for administering oil and gas programs, including research and development, planning and environmental analysis, and import and export activities, including LNG.

Prior to his appointment to DOE in March 2000, Mr. Peña was President of Emil Peña Interests, Inc., since 1985, and his activities have focused on Houston, Texas, and how the energy industry in that city interacted with others across state lines. From 1981-1985, Mr. Peña served as Assistant Director, Public Affairs Field Operations at Atlantic Richfield Company, representing the company before federal, state and local government bodies in an 11 state region.

Mr. Peña maintained a working relationship with elected officials and executives in industry associations. He served as the Government Affairs Manager at Miller Brewing Company from 1979-81, where he represented the company in an eight-state area in the Southwest.

Mr. Peña's professional affiliations and civic activities include the Texas Oil and Gas Association, the Texas Gas Association, the Texas Alliance of Energy Producers, the United States-Mexico Chamber of Commerce board, the Upper Kirby Tax Reinvestment Zone #19 board and the Environmental Protection Agency's Methane to Markets Program. He also serves on the Board of Directors of Cloud Education, LLC, Frac Ensure, Inc., and the Advisory Board of Planet Resource Recovery. He is on the advisory board of the North American Energy Standards Board.

Mr. Peña also served as Senior Advisor to American/Lloyds Energy LNG one of the largest of the pending Liquefied Natural Gas export projects in the U.S and is currently Senior Advisor to the Ukrainian American LNG Company, CAPESPE, the largest of the Argentinian Oilfield Services Associations and Sparx Transit, a Houston based advertising agency. He was also just recently made Adjunct Faculty at Swansea University, Wales. He also worked with Insurance Thought Leadership on how data impacts prediction and predictability.

Mr. Peña holds a M.A. in Environmental Management from the University of Texas, San Antonio, and a B.A. in Political Science, History and Sociology from Texas A&M University-Kingsville. Mr. Peña also attended the School of Law at St. Mary's University in San Antonio, Texas, and the Lyndon B. Johnson School of Public Affairs in Austin, Texas.