

Biography of Richard J. Peterson

Mr. Peterson graduated from the University of North Dakota with a Masters in Mechanical Engineering in 1975. His masters thesis, "Trace Element Mass Balance Study By Neutron Activation Analysis Using North Dakota Lignite In A Lurgi Gasifier at Sasolburg, South Africa." gave him an early introduction into Fischer-Tropsch synthetic fuels including the GTL, CTL and BTL process.

In 1975, Mr. Peterson went to work for Natural Gas Pipeline Company of America as an engineer, designing and building onshore and offshore pipelines and compressor stations. In 1981, he joined Anadarko Petroleum in the marketing department and by 1982 was placed in charge of the marketing department with responsibility for marketing of gas, crude, refined products, contract administration and regulatory affairs. In 1989, Mr. Peterson left Anadarko to start up the interstate marketing effort for Dallas based Enserch. In 1991, Mr. Peterson took over US marketing responsibilities for Calgary based North Canadian Oils.

In 1992, Mr. Peterson left North Canadian to form his own company, Peterson & Associates. He joined forces with a Tulsa based company to co develop a gas storage field, cogeneration and salt marking operation in the Arizona desert. In 1993, SoCal hired Mr. Peterson to restructure their gas supply department. He redesigned the purchasing practices of the utility to place economics in the equation of when and how to buy gas. Mr. Peterson co developed and implemented a Gas Cost Incentive Mechanism (GCIM) to eliminate hindsight reasonableness reviews by the state PUC, and was also responsible for the implementation of a NYMEX purchasing program and the development of a Risk Management Group to take advantage of arbitrage activities. Mr. Peterson was responsible for the development and implementation of the California Energy Trading Hub to compete in the Western U.S. and diversify the gas supply group into trading gas for electricity. It was at SoCal that Mr. Peterson became aware that the gas on Alaska's North Slope had not been developed.

In 1995, Mr. Peterson left SoCal and joined forces with Texas based Questor Pipeline Company to begin the groundwork to develop the stranded natural gas on Alaska's North Slope using gas to liquid (GTL) technology.

In 1997, with Questor Pipeline, Mr. Peterson formed what is now the ANGTL Company to formally pursue GTL's as a solution to the stranded gas issue in Alaska by producing zero sulfur synthetic diesel and batching this product down the underutilized oil pipeline. Mr. Peterson believes that synthetic fuels hold the key to a cleaner environment and specifically GTL's from Alaska and CTL's from across the US will help reduce US dependence on foreign products.

After a two year consulting assignment working with Forest Oil in South Africa on a GTL and CCGT project, Mr. Peterson returned to Anchorage in 2003 to pursue the conversion of coal to liquids using proven F-T technology. In 2005, Mr. Peterson formed Alaska Natural Resources To Liquids, LLC to pursue the development of a world scale CTL project in Alaska's western Cook Inlet.