

**Mark A. Yancey**  
**Managing Partner**  
**NEAtech, LLC**  
**10585 W Beloit Place**  
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**(303) 906-6234**



### **Qualifications**

Mark has 30 years of experience in the fields of renewable energy and environmental engineering including extensive experience in project development and economic analysis for first and second generation biofuels facilities. Mark's expertise is in the development of renewable energy projects including development of business strategies and financial, market and technical analyses of projects and renewable energy opportunities. Mark has excellent management skills and his strengths include business development, project planning, financial analysis, and project development in addition to his excellent communications and interpersonal skills. Mark has presented at well over 100 conferences and workshops worldwide during his tenure at BBI International and NREL. He is a recognized expert in the development of biofuels projects.

### **Experience**

*NEAtech, LLC, Senior Vice President, January 2009 - present*

Mark is currently the Senior Vice President of NEAtech, LLC. Developing New Energy Alternatives is the focus and mission of NEAtech. NEAtech assists government and private sector clients worldwide in the evaluation and development of advanced biofuels technologies, biomass based alternative energy, wind and solar projects.

*BBI BioVentures, LLC, CEO, June 2008 – January 2009*

As CEO of BBI BioVentures, LLC, a subsidiary of BBI International created in 2008 to commercialize BBI's cellulosic ethanol technologies, Mark was responsible for all aspects of the company startup and development of the company's strategic plan. Mark was responsible for carrying out BBI BioVentures' multi-plant strategy for the development and operation of several cellulose-based ethanol plants utilizing spent brewers grains for the production of ethanol and a high protein animal feed by-product.

*BBI International, Vice President of Project Development, March 2001 – June 2008*

As vice president of BBI's Project Development Division, Mark managed all renewable energy project development activities for BBI. Mark grew the Project Development Division from two people in 2001 to over 20 dedicated employees in 2008. BBI's Project Development Division was recognized as one of the most successful and knowledgeable biofuels consulting organizations in the US under Mark's leadership. Mark's team performed feasibility studies, prepared and executed business plans, conducted feedstock resource assessments, performed lender due diligence and construction progress inspections, and negotiated offtake and design/build contracts for approximately 25% of the US biofuels industry. While at BBI, Mark's team completed over 250 projects ranging from simple pre-feasibility studies to more complex cellulosic ethanol technical and business analyses. Mark's team completed project development from concept to construction for six ethanol plants and one biodiesel plant in the US and Canada representing over 300 million annual gallons of biofuels production.

*National Renewable Energy Laboratory, Senior Project Leader, 1992 – 2001*

At NREL Mark held positions as project manager and team leader for the Biofuels Industrial Partnerships Team, the NREL/Coors CRADA Project and the Biofuels Program Management and Operations Team. Mark's NREL responsibilities included the establishment of industrial partnerships for the Biofuels Program and technical and economic evaluation of cellulosic ethanol commercialization projects including the evaluation of the conversion of wood, rice straw, corn stover, sugarcane bagasse and spent

brewers grain to ethanol. During his nine years at NREL, Mark managed a wide variety of projects including the technical and economic evaluation of converting forest residues, wood waste, wheat straw, rice straw and spent brewers grain to ethanol. Mark was the technical monitor for subcontracts with BC International (now Verenium), Arkenol (now BlueFire), Lee Lynd/Dartmouth University (founder of Mascoma), YY Lee/Auburn University and many others. Mr. Yancey was also the NREL project manager for the Gridley, California rice straw to ethanol project and project manager for the CRADA with Coors while at NREL. Mr. Yancey has a detailed understanding of ethanol production from both starch and sugar based feedstocks as well as cellulosic feedstocks. Mark also held the position of Biofuels Program Deputy Program Manager for two years. Other responsibilities included Biofuels Program planning, monitoring and reporting to the Department of Energy. Mark also developed Biofuels Program annual operating plans, fieldwork proposals, cost plans, capital equipment acquisition plans, human resources plan, and Biofuels Program milestones.

*United Engineers and Constructors, Senior Process Engineer, 1989 – 1992*

At UE&C Mark developed process designs and specifications for hazardous waste incineration plants and natural gas processing plants. Mark also developed operating manuals for gas processing plants.

*Pacific Gas and Electric Company, Senior Chemical Engineer, 1977 – 1989*

At PG&E Mark developed and demonstrated new and innovative hydrogen sulfide abatement systems for geothermal power plants. He also designed geothermal power plant sulfur removal systems (via the Stretford process) and general plant instrumentation and controls systems. Mark also held positions as Chemical Group Leader at the Geysers Power Plant and at Moss Landing Power Plant.

**Education**

B.S. Chemical Engineering, Stanford University, 1977

**Awards**

Chairman's Award, Pacific Gas and Electric Company, 1988

Chairman's Award, Honorable Mention, Pacific Gas and Electric Company, 1987

DOE Customer Recognition Award for the Gridley Rice Straw Ethanol Project, 1998