

Biographical Sketch - **Valentino Tiangco, Ph.D.**



Dr. Valentino Tiangco is currently a Senior Technical Lead and Manager of Biomass RD&D Projects at the Public Interest Energy Research (PIER) Renewables Program, Energy Research and Development Division, California Energy Commission. He coordinates and leads primarily the biomass RD&D activities and he helps in coordinating the geothermal, solar, wind and hydro RD&D activities in the PIER Renewables Program. He provides expert guidance on renewables RD&D activities and provides inputs for RD&D policy and planning.

Dr. Tiangco received a 2005 Sustained Superior Accomplishment Award for Technical and Resource Leadership in Biomass in recognition for his sustained and professional lead responsibilities in the biomass program areas and provided continuing and significant knowledge and technical expertise in the Commission's PIER Renewables programs including geothermal, wind, solar and hydro. He received a 2003 Superior Accomplishment Award in recognition for his outstanding performance and contribution to the Commission's research and development of biomass. Dr. Tiangco also received an Outstanding Achievement Award in 2002 from the U.S. Department of Energy for his exceptional contributions in bioenergy for establishing, promoting and implementing projects that demonstrate the efficient use of biomass energy resources and technologies. He is a recipient of UNDP-TOKTEN award in 1996 (United Nations Development Program - Transfer of Knowledge Through Expatriate Nationals Program) in the Philippines. He transferred biomass gasification technology in the Philippines that won three major awards, outstanding national R&D paper, best paper for agricultural engineering category and best poster award in October 1999, National Research Symposium. He authored and co-authored over 80 technical papers and reports. He taught a course in renewable energy resources and advanced renewable energy technologies at the University of California at Davis and he participates as member of Examination Committee and Thesis Committee for Ph.D. and M.S. graduate students specializing in the conversion of biomass to power, fuels, and chemicals at the University of California at Davis and California State University, Sacramento.

Valentino Tiangco is a holder of Doctor of Philosophy (Ph.D. 1990) and Master of Science in Engineering (M.S. 1986), with specialization in Energy Conversion Systems at the University of California at Davis. He has Master of Engineering (M.E. 1980) degree with specialization in Power Machinery and Management at the Asian Institute of Technology, Bangkok, Thailand. He has a Bachelor of Science degree (1978) in Biological and Agricultural Engineering (formerly Agricultural Engineering) with major emphasis in Machine Design at the University of the Philippines at Los Banos.