

Dr. Konstantinos Stamatakis

Director of TRSC/PPC S.A.

Dr K. Stamatakis is a chemical and mechanical engineer. During the last 20 years he has held managerial positions at various sections and divisions within the PPC organization, ranging from purchasing to energy management and currently at testing laboratories. Previous to that, he had held responsibilities for liquid fuel quality control, preparation of environmental studies and monitoring of environmental impact factors within PPC. His work before PPC included production planning and management at a large Greek plant for plastic pipes, and work at a constructions company for plant works. During his doctorate studies he engaged in research for cake formation in solid-liquid separations and batch sedimentation of polydispersed suspensions. During his first years at PPC, he was part of a team which performed studies on clean coal technologies, in the framework of a project organized by the EEC (THERMIE). The effort was focused on allothermic gasification of Greek lignite within a rotary furnace, and possible applications of the process to an IGCC system for production of power. Another project investigated the use of coal-fired boiler fly ash in the cement industry. Finally, he participated in the development of systems for the processing of salt water using reverse osmosis for use at steam electric stations, and for developing a process and facilities of solid-liquid separation using membranes. Education: National Technical University of Athens: Diploma in Chemical Engineering. National Technical University of Athens: Diploma in Mechanical Engineering. M.Sc. Chemical Engineering, Syracuse University, N.Y. USA. Ph.D. Chemical Engineering, Syracuse University, N.Y., USA. M.B.A. University of La Verne, California, USA.

Work Experience: He currently holds the position of Director of the Testing Research & Standards Centre of the Public Power Corporation S.A. Responsibilities include managing people and resources of the Centre, forming market strategy for the supply of testing services to internal and external customers, direct equipment improvements and investments, and ensure quality policies. Previous positions within PPC SA include director of Lignite Mines Materials & Services Purchasing D, Head of Planning of Production of Power Plants, and work at the Power Production Operations of Megalopolis power plant.

Product Development Experience: Development of software for hourly load evaluation using neural network applications. Development of software for unit commitment using integer linear programming techniques (GAMS).