

Mr. P. Sambasiva Rao
Vice President
Energy Infratech Private Limited

PROFILE

He is having 32 years of experience in erection, testing, commissioning of Electromechanical Equipment for power plants including hydro and thermal.

PROFESSIONAL HIGHLIGHTS

From 1975 to 1995 he involved in Erection, testing, commissioning & maintenance of 110 / 100.8 (Reversible) MW hydro units (Generators, Turbines, Gen. Transformers, 220 KV switchyard, Instrumentation & controls and all connected auxiliaries at Nagarjunasagar Power house. During above period carried out number of modifications to various systems for improvement of stability / performance. The improvements carried have improved generation by about 35 to 40 MU per year. From 1995 to 2005 he worked as a site in charge for erection, testing, and commissioning of 235 MW CCPP (Phase-I) and 228 MW CCPP (Phase-II) of GVK Industries, gas based power plant at Jegurupadu Andhra Pradesh. After completion of phase-I stationed at plant as owner's representative to monitor performance, operation and maintenance of plant by O & M contractor and to liaison with various Govt. organizations such as AP Transco, GAIL, Irrigation dept. and also in charge of erection testing and commissioning of phase – II 228 MW CCPP. At GVK industries concept of evaporative cooling system before GT's intake air filters developed and erected first time in India for phase-I GTs. The system has improved generation substantially during low RH and high temperature ambient conditions. During one year of operation 1 % PLF improvement achieved. In addition to above life of in take air filters improved by about 35 % and compressor fouling came down, and out put improved. He erected raw water by pass line for auxiliary consumption saving and carried out number of modifications to control systems for improvement of performance and stability and minimization of aux. Consumption.