



Converting Oil fired Power Plants into Coal and Gas fired Power Plants

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Condition: New. Publisher/Verlag: AV Akademikerverlag | Power Plant Design | This book is based on the study of conversion of oil fired power plants into coal and gas fired power plant. Pakistan is facing sever energy crisis. To overcome this crisis Government is interested to change to energy mix. Coal resources are present in abundance in Pakistan and it is best suitable and cheap energy source available to tackle Energy crisis of Pakistan. To utilize the coal resources of Pakistan for power generation without heavy investments for new projects, it is necessary to study the feasibility of conversion of existing oil fired power plants into coal and gas fired power plants. To convert oil fired power plants into coal and gas fired power plants, the boiler is the main part which needs modification or replacement. Different technologies are available to fire coal. To convert existing oil fired power plants into coal and gas, additional equipment is also required such as coal handling, ash removal and flue gas cleaning equipment. Given the chemical specification of Thar coal in Sindh and gas in Baluchistan, a case study for Hub Power plant is made in which coal, gas consumptions are calculated for the...

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