



Electrical BOP & DCS of powerplant of Mobin Petro. Complex



MOBIN Petrochemical Company is executing & operating utilities for petrochemical complexes in PARS Energy & Economic special zone in Assaluyeh. National Petrochemical Company (NPC) based on his own long term development plans has obliged MOBIN Petrochemical Co. (MPC), to provide electricity, steam, water, compressed air, oxygen, nitrogen & ... for petrochemical complexes in Assaluyeh to achieve this goal a contract has been made between MPC & MAPNA for EPC execution of power & steam generation plant consist of 6*124MW gas turbine units and 6*330T/h heat recovery steam generators & their auxiliaries in 2000 and MAPNA awards to PARSIAN group a sub-contract for execution of electrical balance of plant & 132kV GIS substation and overall plant DCS.

PARSIAN Power & Industry Development Co. were involved from the beginning of this project for Electrical Balance of plant and Distributed Control System (DCS). One of the special technical feature of this project is the size of it's DCS system which is one the biggest DCS system executed in meadle east. This DCS system is based on ALSTOM (France) technology and integrally monitors & controls gas turbine generators, heat recovery steam generators, 132kV GIS substation and all plant auxiliaries. This project has been delivered gradually from 2004 and for final sections of this project a final acceptance certificate has been signed in 2008.

