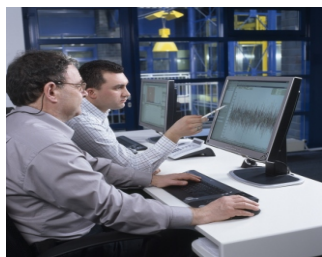




Power Generation - Fossil

A fossil-fuel power plant is a power plant that burns fossil fuels such as Coal, Natural Gas or Petroleum (oil) to produce Electricity. Fossil-fuel power plants are designed on a large scale for continuous operation. In many countries, such plants provide most of the electrical energy used. Fossil-fuelled stations' role is to generate electricity, complementing generation produced by other forms of energy such as Nuclear and Hydroelectric.



A fossil fuel power plant always has some kind of rotating machinery to convert the heat energy of combustion into mechanical energy, which then operates an electrical generator. The prime mover may be a steam turbine, a gas turbine or in small isolated plants, a reciprocating internal combustion engine.



Can-Technologies provide a full range of solutions for Electrical, Controls, Automation, Mechanical, Information Technology, and Instrumentation systems in fossil-fuel power generation plants.

Our experience at fossil-fuel power plant operations means we understand your issues and can provide you with solutions, quickly and efficiently. Best of all, we bring the power of our solutions and services right to your facility.

- The following highlights some of our range of services to the Fossil Fuelled Power Generation Sector:
- Stacker/Reclaimer Upgrades
 - Ash Silo Control Systems
 - Coal Yard Material Handling Systems
 - Biomass Solutions
 - Environmental Improvements
 - Fire Protection Systems
 - Gas Detection Systems
 - Vibration Monitoring
 - Condition Monitoring
 - Vibration/Thermal Analysis
 - Combustion Systems
 - Drive Applications
 - SCADA Solutions
 - DCS Systems
 - Remote Monitoring Solutions
 - Wireless Solutions
 - Instrumentation Design and Calibration
 - Safety Improvements & PHSR
 - Power Quality Improvement
 - Energy Monitoring and Management
 - Arc Flash Analysis
 - Electro-mechanical systems

Our approach includes the deployment of industry specialists to understand your business processes and systems, to perform upfront planning that can be used to understand the scope, cost, payback and architecture.