

Power Generation

Protecting Against Corrosion



PROTECTING AGAINST CORROSION

In essence a power station is an industrial facility used to generate power by converting different energy sources into electric power. High temperatures, aggressive chemicals, abrasion damage and more put great strain on machinery and plant across the whole process.

PUMPS

Water intake, cryogenic LNG , vaporizer pump, cooler pumps, water circulation

PUMP REPAIR AND MONITORING

Dedicated pump repair team, and the latest on-site thermodynamic pump testing

CONDENSOR TUBE BULLETING

Condenser tube cleaning and repair service

BAG HOUSE

Composite structural repairs to silos and specialist coatings eliminate metal replacement

BUTTERFLY VALVES

Leaders in the manufacturer and refurbishment of large scale butterfly valves

FUEL TANKS

Tank lining and repair

INTAKE SCREENS

Corrosion protection for intake systems

WE CAN PROTECT YOUR PLANT

6525 Greenland Road
Jacksonville
Florida 32258
USA
T: (1) 904 268 4000
E: info@corrocoat.com

ECONOMISER

Economisers suffer problems especially at expansion joints creating cold spots

WATERBOXES, WATER TANKS

Repair and relining services for water boxes

FLUE GAS DUCTING

Ducting prone to corrosion throughout the plant

ID FAN

Impeller coatings and dynamic balancing

STACK

Issues with sulphuric and HCL acid condensation

STRUCTURAL STEEL WORK

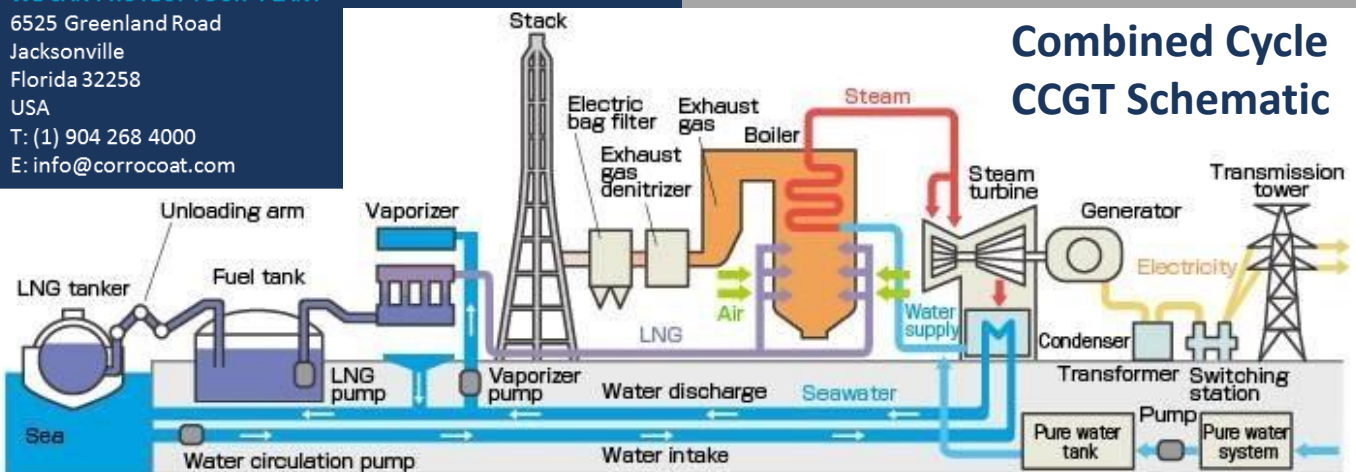
Structural steel work can be corrosion protected
Ducting, silos and hopper coating

PIPES

On /off site pipe blasting and spray coating
Fluiglride coatings systems for pumps and pipe

HEAT EXCHANGERS

ION EXCHANGE VESSELS



Combined Cycle CCGT Schematic