



**ATLAS**  
POLYMERS



## POWER GENERATION INDUSTRY SOLUTIONS

RELIABILITY, COST EFFICIENCY AND EXCEPTIONAL PERFORMANCE. IT'S WHAT WE DELIVER.

In the power industry, maintaining operational uptime is the top priority. To maximize uptime, all maintenance must be preventive and all equipment must be kept in proper working order. But power generation processes cause significant wear on critical equipment. From efficiency loss in a hydroelectric plant due to erosion on a Francis runner, to irregular emission control in a fossil fuel plant due to slurry pipework corrosion on an FGD, equipment issues can be persistent and difficult to address. Plus they can increase operational costs along with costs for labor and equipment replacement.

Atlas understands these challenges, so we provide reliable, cost effective, and easy-to-use solutions that help you repair, protect and maintain your equipment. We help you keep your equipment running longer, more efficiently, and more safely.



### OUR SPECIALLY FORMULATED MATERIALS PROTECT YOUR EQUIPMENT

- Get extreme resistance to abrasion, aggressive chemicals, and high temps
- Maximize your equipment uptime, efficiency, and safety
- Avoid costly maintenance headaches
- Decrease labor and replacement costs
- Quickly return equipment to service

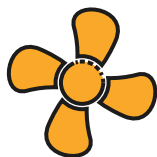
### HIGH VALUE AND OPTIMAL RESULTS FOR POWER PLANT APPLICATIONS

- Emissions systems
- Cooling water systems
- Chemical containment areas
- Channels and sumps
- Penstocks
- Turbines



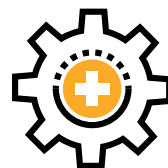


## ADDITIONAL AREAS WHERE PROTECTION IS OFTEN PROVIDED:



### PULVERIZED CARBON SYSTEMS

- Pulverizers
- AR tile replacement
- Eroded fans and blowers
- Worn pipe bends, chutes and hoppers



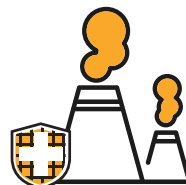
### POWER GENERATION UNITS

- Erosion-corrosion in hydro turbines
- Steam cut repairs in steam turbine casings
- Protection of wicket gates



### WATER HANDLING SYSTEMS

- Pump repair and protection
- Condenser repair and protection
- Waterbox and condensate tank lining
- Heat exchanger galvanic corrosion
- Vacuum pump repairs



### COOLING TOWERS

- Pump repair and protection
- Condenser repair and protection
- Waterbox and condensate tank lining
- Heat exchanger galvanic corrosion
- Vacuum pump repairs



### EMISSION CONTROL SYSTEMS

- Lime slurry pipe repair
- Baghouse corrosion protection
- Corrosion protection of FGD systems
- Abrasion protection from lime slurry
- Concrete repair and protection

Contact Atlas Polymers today to obtain more information.