

Implementing Innovative Cleaning Solutions

For over 35 years, MPW has worked with its Power Generation customers to enhance operational efficiencies. MPW is the leading provider of technology-based industrial services in North America and performs in nearly every process location throughout Power Generation plants including:

- Air Preheater
- Air & Ash Hoppers
- Boiler
- Boiler Room Sumps
- Coal Yard
- Condenser
- Conveyor Yard
- Cooling Pond
- Cooling Towers
- Cyclone
- Economizer
- Fans
- Furnace
- Heat Exchanger
- Lime Trenches
- Penthouse
- Precipitators
- SCR's
- Scrubbers
- Superheater/Reheat
- Stacks
- Water Plant



MPW's experienced field service personnel are capable of completing the most rigorous outage schedules that power plants may require. MPW deploys crews and mobile assets from our fixed-based network of over 40 facilities. Qualified, highly trained personnel respond to your needs 24/7, making MPW a pioneer in quality and service.

MPW augments the needs of the power generation industry by implementing innovative cleaning systems to extract maximum efficiency out of every component we service, while controlling potential risks, achieving cost efficiency, minimizing outage downtime and maximizing performance.

MPW's fleet of vacuuming equipment effectively removes coal spills in tunnels, belt lines and structures; fly ash deposits from air pre-heaters, hoppers, stacks, precipitators and ash collection points. MPW's fleet of high volume/high pressure pumps power multiple Hydroblasting guns and lances when cleaning large condensers and evaporators, air preheaters, removing slag, refractory, and fly ash deposits generated from coal combustion. MPW's on-line boiler deslagging technology surgically removes "clinker" build-up preventing damage to the boiler while restoring lost energy capacity and a reduction in the duration of planned outages.

MPW's Ultra-High Pressure (40K p.s.i.) boiler stripping technology uses the dynamics of high-speed, pulsating water to remove the most adherent contaminants from boiler wall surfaces. It is proven to be the most effective application for preparing tubes for NDT (Non-Destructive-Testing) and weld overlay. From a performance perspective, MPW's boiler cleaning services increase unit efficiency, reduce NOx emissions and reduce fouling for all downstream sections.

In addition to industrial cleaning services, MPW provides high purity short-term and long-term Deionized (DI) water for pre-commissioning steam blows, boiler feed water makeup, water system expansion and to maintain efficient HRSG operation. MPW supports existing water systems through service exchange deionization and reverse osmosis service. MPW technical support provides expert membrane cleaning, preventative maintenance and engineering support for reverse osmosis (RO) systems to improve the quality of water. An expert senior engineer who is specifically assigned to your site provides data tracking and trend analysis reports.