

eNPure... Your Single Source Solution for:
Water Treatment Equipment and Chemical Treatment Programs



eNPure's mission is to optimize the water treatment operations of our customers, through innovative equipment and chemical treatment programs

WE PROVIDE THE FOLLOWING CUTTING-EDGE EQUIPMENT AND CHEMICAL SERVICES TO OUR CUSTOMERS, OFTEN WITH PAYBACK BETWEEN 18 TO 36 MONTHS:

- **Enhanced Reverse Osmosis with permeate recoveries up to 95%** for a given water chemistry on new and existing systems, utilizing patented closed-circuit desalination (CCD) technology. Superior reliability and flexibility compared to conventional RO systems.
- **Membrane Degasification of O₂, CO₂ and Ammonia** to levels of 1 ppm (and lower) with operating, capital, and installation expenses at a fraction of traditional methods (vacuum degasification, strippers/scrubbers, and deaeration).
- **Inside-Out Ultra-Filtration**, utilizing hollow fiber, UltraPES (polyethersulfone) technology with narrow pore size distribution and low pressure requirements, for greater tolerance and durability in challenging feedwaters.
- **EcoSHIELD™ for Boiler Treatment**, utilizing amine emulsion technology for improved heat transfer, scale prevention, oxygen scavenging, dispersion, and corrosion inhibition with one product.
- **EcoSHIELD™ for Cooling Tower Treatment**, utilizing amine emulsion technology for scale inhibition, corrosion inhibition, and dispersion with one product.
- **EcoSAFE™ solid feed Cooling Water treatment program**, utilizing smart release technology for consistent chemical dosing for systems up to 5 tons, without the hassle and handling concerns for traditional programs.



eNPure
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CONTINUED

WE PROVIDE THE FOLLOWING CUTTING-EDGE EQUIPMENT AND CHEMICAL SERVICES TO OUR CUSTOMERS, OFTEN WITH PAYBACKS BETWEEN 18 TO 36 MONTHS:

- *Reverse Osmosis anti-scalants and proprietary cleaners with capabilities to handle feedwaters with high levels of ferrous iron, phosphate, silica, and carbonate/sulfate scales. Realize improved membrane performance, while simultaneously reducing chemical consumption.*
- *Real-time, in-place, cleaning of Reverse Osmosis membranes, utilizing patented Direct-Osmosis- High Salinity (DO-HS) technology. Eliminate biofouling and inorganic fouling with in place regular backwashing.*
- *Conventional water treatment technologies and chemical treatment programs, including, softening, demineralization, multi-media filtration, carbon absorption, and others.*



**Call eNPure...today, 281-900-3842
for a risk-free evaluation!**

**For more information about our innovative
technologies and programs, please visit
our website: www.eNPureUSA.com**

KEY BENEFITS

- QUICK PAYBACK, GENERALLY BETWEEN 18 TO 36 MONTHS
- LEASE / RENTAL PROGRAMS AVAILABLE TO MINIMIZE UPFRONT CAPITAL INVESTMENTS
- REDUCED OPERATING EXPENSES FOR WATER, ENERGY (HEATING, COOLING, AND/OR ELECTRICAL, AND CHEMICAL CONSUMPTION)
- LONGER USEFUL LIFE FOR MEMBRANES, RESIN, AND FILTER MEDIA, RESULTING IN LOWER AND LESS FREQUENT CLEANINGS AND REPLACEMENT
- REDUCED CAPITAL EXPENDITURES: IMPROVED UTILIZATION OF WATER RESOURCES OFTEN RESULTS IN SMALLER PRE-TREATMENT REQUIREMENTS FOR A GIVEN VOLUME OF TREATED WATER, RESULTING IN LOWER AND BETTER UTILIZATION OF SCARCE CAPITAL DOLLARS
- REDUCED INSTALLATION COSTS: SMALLER EQUIPMENT FOOTPRINTS SIMPLIFY INSTALLATION, RESULTING IN A LOWER TOTAL INVESTED CAPITAL (TIC), WHILE IMPROVING PAYBACK AND ROI



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