



## Facility Savings Guide

# Cutting Costs with Smarter Water Treatment

### WHERE FACILITY COSTS HIDE

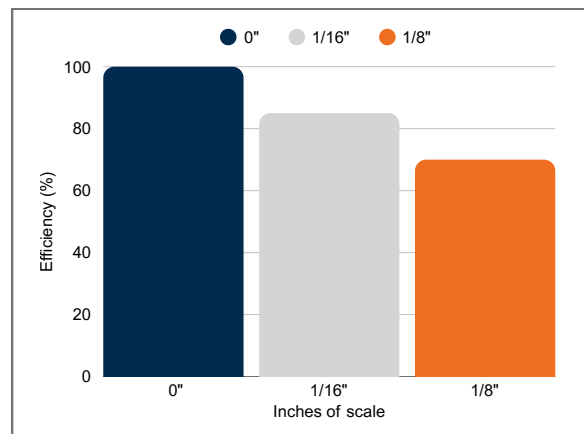
Managing operational costs is a constant challenge. Left unmanaged, expenses for energy, maintenance, water, and regulatory compliance can steadily drain budgets and diminish the long-term value of assets. One of the most effective, and frequently overlooked, ways to control these costs is by optimizing water treatment. This guide highlights how Hydrotrue's integrated water treatment programs help facilities reduce expenses and protect resources across every critical area of operation.

#### 1. Stop problems before they become repairs

Scale, corrosion, and fouling quietly wear down boilers, chillers, cooling towers, and HVAC systems. The result? These hidden threats quietly erode system performance, increase repair frequency, and shorten equipment lifespan. Hydrotrue's solutions minimize breakdowns and costly repairs, reinforcing preventive maintenance strategies that keep facilities running efficiently and predictably.

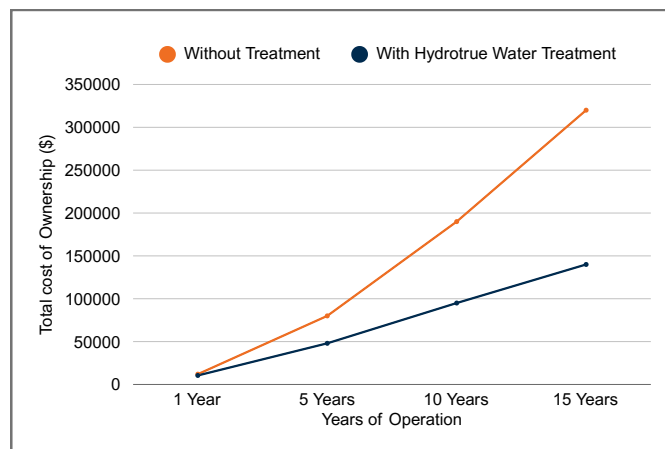
#### 2. Driving energy efficiency

Even small amounts of scale buildup have an outsized effect on utility costs. For example, a mere 1/16-inch layer of scale on a heat-transfer surface can reduce efficiency by 10–15%. That reduction in efficiency translates directly into higher energy use and higher utility bills. Hydrotrue's treatment programs keep surfaces clean, allowing systems to move heat more effectively. The result is reduced energy demand for heating, cooling, and pumping—multiplying savings across both water and energy utilities.



#### 3. Maximizing ROI by extending asset life

When scale and corrosion are left untreated, they drastically shorten the useful life of boilers, chillers, and cooling towers, forcing premature replacements and unplanned capital expenditures. Hydrotrue treatment preserves system integrity, extending the service life of expensive assets. That means fewer emergency replacements, lower total lifecycle costs, and stronger returns on every equipment investment.



#### 4. Optimizing chemical treatment

Chemical treatment isn't just about protecting systems, it's also about operating more efficiently. Overdosing chemicals wastes money, while underfeeding can compromise asset protection. Hydrotrue tailors chemical programs to each facility's unique water profile, ensuring the correct balance of inhibitors, biocides, and dispersants. What sets Hydrotrue apart is the follow-up: using monitoring tools and performance checks to validate system health and make adjustments as needed.

#### 5. Savings through cycles of concentration

In cooling towers, operating at higher cycles of concentration (the ratio of dissolved solids in recirculating water versus makeup water) directly reduces water and sewer costs. However, without proper treatment, higher cycles can cause scaling and corrosion. Hydrotrue's equipment safely maximize cycles of concentration, allowing facilities to use less water, discharge less wastewater, and spend less money without compromising equipment health.

#### 6. Blowdown management and water reuse

Blowdown (the removal of concentrated water from cooling towers or boilers) is necessary for controlling dissolved solids. But uncontrolled blowdown can waste thousands of gallons of water every day. Hydrotrue's treatment programs and monitoring strategies help facilities minimize blowdown frequency and volume, while also creating opportunities for reclaiming and reusing blowdown water in non-critical applications. The result is significant reductions in water and sewer bills, with added sustainability benefits.

### CHOOSING THE RIGHT WATER TREATMENT PROVIDER

At Hydrotrue, we go beyond "set it and forget it" service. Our approach is proactive, precise, and tailored to your facility's unique needs. By preventing scale and corrosion, reducing energy use, extending equipment life, and optimizing both chemical and water use, we help you achieve measurable savings that compound year after year.

## EXPERIENCE THE HYDROTRUE DIFFERENCE

Contact your Hydrotrue representative at **612-655-4162** or [ryan.reimer@hydrotruewater.com](mailto:ryan.reimer@hydrotruewater.com) to learn more.

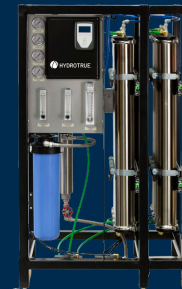
Visit [HydrotrueWater.com](http://HydrotrueWater.com) to schedule a consultation and get a customized solution for your facility.



### Water Treatment Products

#### Reverse Osmosis Systems

Hydrotrue's RO 200 and RO 400 systems deliver high-purity water, removing 98% of dissolved solids to cut maintenance and keep your equipment running strong.



#### Softeners

Water softeners reduce or eliminate hard water scale on equipment, reducing maintenance requirements.



#### Filtration Systems

Handle suspended solid removal for easier maintenance in downstream equipment.



#### Water Treatment Chemicals

Precisely selected and dosed to deliver efficient, effective treatment for any commercial or industrial system.



#### Chemical Feed Equipment

Precise, reliable dosing to prevent corrosion, control solids, and ensure safe disinfection.

