Case Study: Long Term Care Facility

Greensboro, North Carolina

135 Bed Facility, Average Census: 91%

energy box
OZONE ON DEMAND

Business Summary:

Long term care operator in Greensboro, North Carolina operating a higher-end facility sought a way to deliver a higher-quality laundered linen which was of "hotel quality". In a very competitive market, they were seeking another point of differentiation. They decided to enter a month-to month ozone supply agreement with Energy Box knowing they could switch back to hot water/ bleach if they were unsatisfied.

Ozone on Demand Laundry Experience:

An Energy Box compact ozone injection system was installed in customer laundry facility and activated. Ten new wash programs were created and coordinated with chemical vendor for elimination of substantially all bleach and fabric softener. Hot water usage declined by 95% and total water usage declined by almost 20%. New ozone wash cycles were 11 minutes shorter than hot water/ bleach programs. Dry times went from 41 minutes to 25 minutes. As result, laundry processing times declined over 3 hours per day and labor was repurposed in other house- keeping activities. Pre-treat and re-wash activities have been cut in half. Laundred linens are noticeably whiter, softer and smell fresh.

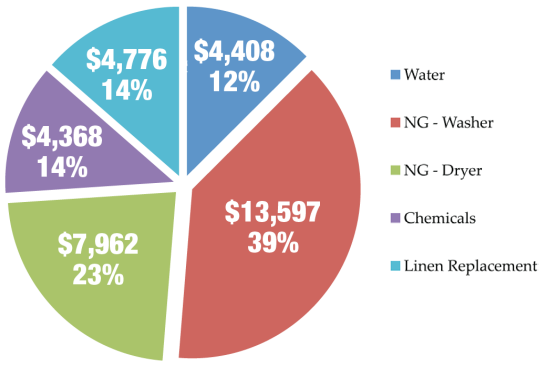
Summary of Ozone Laundry Results:

Expense Savings	$ / Load	$ / Week	$ / Year
Water	$0.25	$85	$4,400
Natural Gas for Washers	$0.78	$261	$13,597
Natural Gas for Dryers	$0.46	$153	$7,962
Chemicals	$0.25	$84	$4,368
Linen Replacement	$0.27	$92	$4,776
Labor	$5.29	$1,777	$92,383
TOTAL	**$7.30**	**$2,452**	**$127,494**

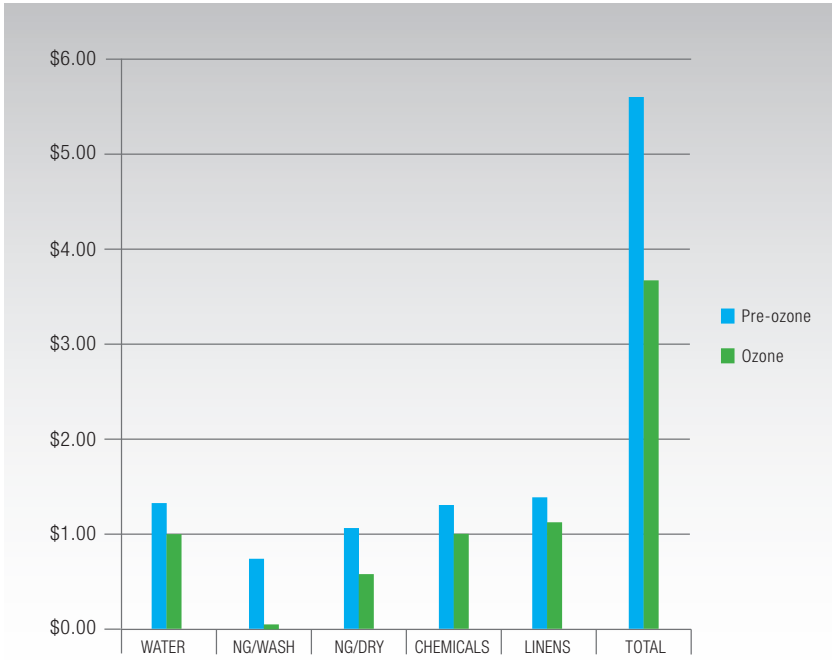
Laundry Statistics:

Washers	Dryer	Shifts
2 - 60 lb.	2 - 75 lb.	8 hour with 2 Employees
1 - 100 lb.	1 - 120 lb.	5 hour shift with 1 Employee
Wash Loads per Day		48

Annual Ozone Cost Savings Excluding Labor ($)



Cost Reductions per Load Excluding Labor



Labor Cost Reductions per Load