

Laundry ESP* Providers

We Partner with Our Customers to Solve Environmental Issues

Working with our customers, employees and suppliers, we're helping make the world a better place.

Providing and protecting what is vital



CLEAN
WATER



ABUNDANT
ENERGY

CO₂

CARBON FOOTPRINT
REDUCTION



REDUCING
WASTE STREAM

Through our Clean Green certification, we provide the environmental results and deliver them to you.



*Laundry Environmental Stewardship Program

Laundry ESP is a cost-effective and flexible program designed to raise the environmental performance of textile service and supply companies and improve relations with customers. The program allows large and small companies alike to choose from a variety of initiatives that each participant can tailor to its operations. Performance will be reported on an industry-wide basis. All participating companies can contribute to the overall success of the program. LaundryESP's success also depends on a strong alliance between the associations, laundries, customers and suppliers. The program includes a statement of environmental principles, a set of program goals, a menu of voluntary initiatives, and marketing promotions.

Converting From Home Wash to the Clean Green Process

Laundry ESP Providers

TRSA Industry-Wide Data:

This Process uses about a third less water and half the energy compared to washing at home



This equates to about 25 gallons of water per week savings -- per worker



Just think... that's over 170 billion gallons of potential water savings per year in the US alone.



And on energy, we could save over 400 TRILLION BTU's per year – enough to power a major city!

Our Goal:

Energy & Water Measurable Savings

... good for business, environment and society

What is the impact of home wash to the environment?

Comparing Home Washing or On-Premise Laundry (OPL)...

TRSA Industry-Wide Data



By choosing Laundry ESP Providers will help by CONSERVING:

- ▲ Enough to serve the **WATER** needs of 9.25 million people for a year – almost as many people as in the Chicago region and larger than the population of every metropolitan area in the country except New York and Los Angeles.
- ▲ The annual **WATER** savings over the course of a year would be enough to meet the needs of 3.44 billion people for a day nearly half the world's population.
- ▲ Enough **ENERGY** to power South America and Mexico for a day.
- ▲ Enough **ENERGY** to power a city of 300,000 people for a year.



Using Water with Care

Laundry ESP Providers utilize a range of innovative solutions to help our facilities increase their operational water use efficiency.



**1/3
LESS**

water consumption
vs.
home wash

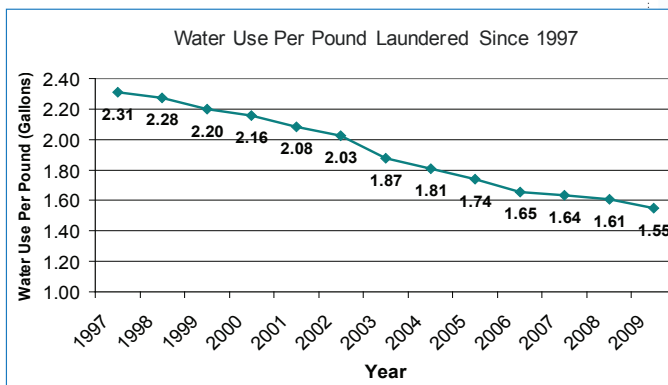
IMAGINE THE IMPACT

The savings captured by our solutions add up to using a third less water compared to washing at home.

- ▲ Innovative formulations, technologies and services to help reduce our water use without compromising effectiveness
- ▲ Solutions that reduce required wash and rinse cycles to reduce water usage
- ▲ Recovering heat from drained hot water and heat dispersed from the process of warming water
- ▲ Recapturing drained water from rinses for reuse

Water used per pound of
textiles laundered has
been reduced by

33%

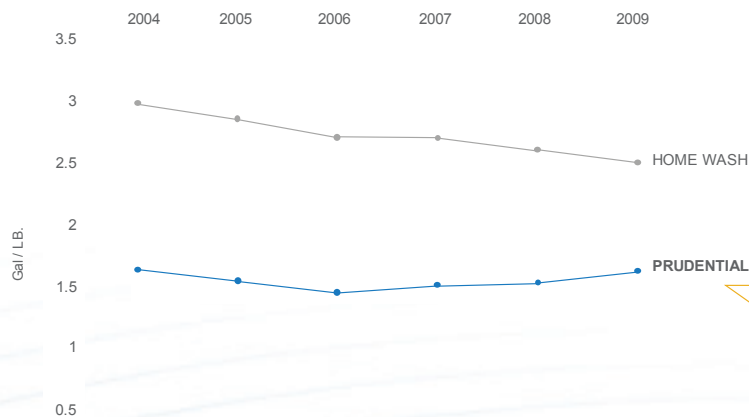
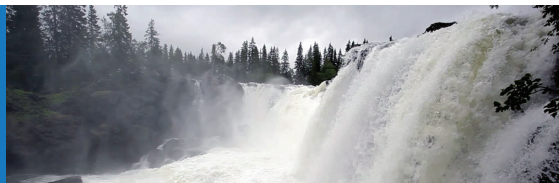


Based on TRSA industry-wide data.

Our Environmental Performance vs. Home Wash/OPL

WATER REDUCTION

Water Use In Gallons Per Pound Of Laundry



Do More – with Less Energy



ASN Laundries' innovative energy solutions help out facilities to operate more efficiently.

**USING
1/2**

the ENERGY compared to home wash.

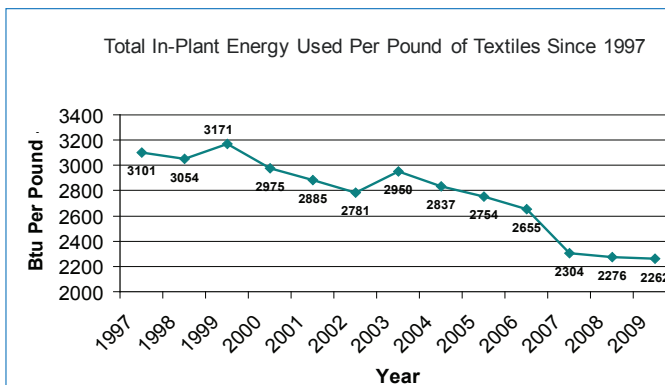
IMAGINE THE IMPACT

The savings captured by our solutions add up to using half the energy compared to washing at home.

- Intelligent systems, products and solutions to maximize efficiency and lower energy consumption
- Lower-temperature washing
- Innovative technologies to help shorten cleaning cycles
- Services and solutions that help identify areas to reduce energy consumption



World energy demand is projected to grow more than **50%** by 2035



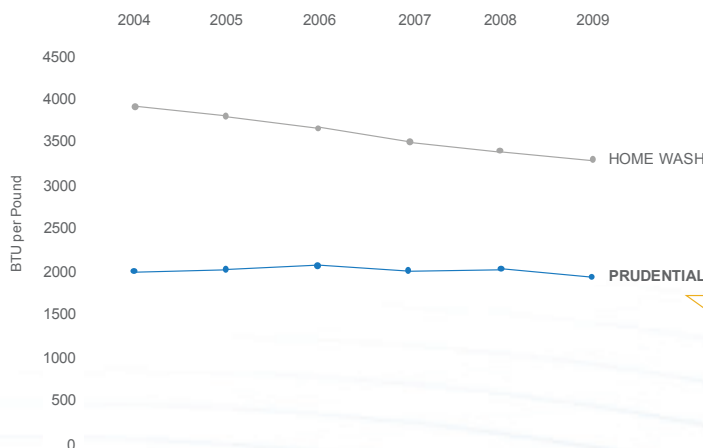
Based on TRSA industry-wide data.

Energy used per pound of textiles laundered has been reduced by **27%**

Our Environmental Performance vs. Home Wash/OPL

ENERGY CONSUMPTION REDUCTION

Energy Used Per Pound Of Laundry



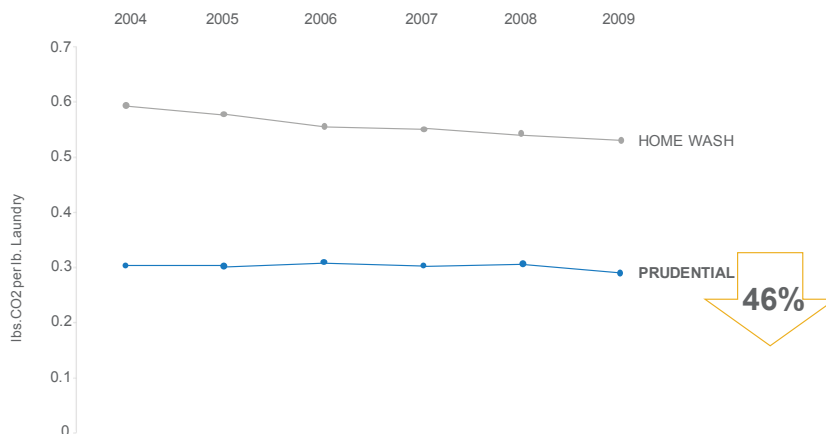
42%

Carbon Footprint Reduction

Our Environmental Performance vs. Home Wash/OPL

CARBON REDUCTION

Carbon Footprint Of Laundry Processing



REDUCING
WASTE STREAM

Helping Reduce The Waste Stream

When considering the impact of greener choices... the reusable textile option over disposables is – without question, the responsible choice.



- ▲ Disposable napkins and towels alone generate nearly 2 billion pounds of landfill waste each year.



- ▲ Disposable napkins and towels also account for the loss of over 17 million trees on our beautiful earth.



Reusable vs. Disposable



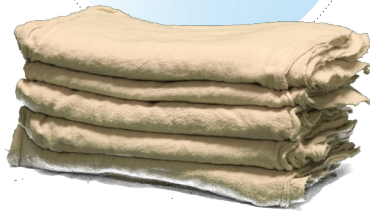
REDUCING
WASTE STREAM

CLOTH TOWELS

VS.

PAPER TOWELS

According to the EPA, cloth shop towels take 90% less energy to manufacture, process and deliver vs. disposable wipers



Disposable wipers generate nearly 3 times more solid waste than cloth shop towels



CLOTH NAPKINS

VS.

PAPER NAPKINS

Linen napkins can be reused over 100 times on average



Paper products accounted for over 28% of all landfill trash



CLOTH PATIENT GOWNS

VS.

PAPER PATIENT GOWNS

Cloth patient gowns can be reused over 50 times on average

Reusables
greater environmental
impact vs. disposables:

Climate shift 2x
Photochemical oxidation 3x
Eutrophication 19% more
Land use 12x
Water 40% more
Solid waste 9x
Fossil fuels 3x



Disposable patient gowns are used only once, before they end up in a landfill

