



## Energy Conservation Measures Schaumburg, IL Case Study



Embassy Suites Schaumburg faced a dilemma many properties face today – they were using huge amounts of energy.

In an attempt to combat the high costs, the property sought out technological options to lessen its energy usage. In 2012 General Manager Mike Szudarski made the decision to move forward with an Ozone Laundry System. Rick West, VP of Sales for Commercial Green Solutions (CGS), sold him the system with the ambitious goal of the technology paying for itself within 24 months. Sounding too good to be true, Szudarski took him up on the money back guarantee on savings... and as the GM will attest to this day, the system took under 18 months to pay for itself.

Ozone Laundry properly installed and operated allows the user to wash in cold water rather than a mix of hot and cold, while using less water ensuring shorter washing and drying cycles. No therms needed to heat water, less water utilized and less electricity powering washer and dryers all occurred immediately at installation. Four years later and the Embassy Suites Schaumburg still washes in cold water and will attest that the quality of results of the linen improved the first day the system was installed.

The property's Natural Gas and water bill both went down immediately. "The difference was noticeable the very first month" adds Rebecca Dobbs, area controller for Expotel Hospitality. "We easily save \$12,000 a year."

And that is just the savings on Ozone... CGS **ALSO** did a complete property *lighting* and *energy room management* project that "saves the property between 30 and 35% of its utility bills when you add in all the measures" per Kerry Ranson, former IHG Owners President. "CGS has always saved us money and will continue to be my go to for consulting on how to cut energy expense. They are now doing NO COST Forensic Utility Audits for us – we either get money back, or get peace of mind we were billed appropriately for our utilities. Found money that we haven't had to write a check for, or spend any real effort. Good stuff."

Szudarski adds, "Rick and his team have always been professional. There won't be two months go by where he won't reach out and ask how we are doing... We have bought energy saving technology from him for years and lean on him and his company to advise us on how to best save money on utilities." --- "There is no reason that any hotel that does its own laundry should NOT have Ozone. I tell everyone who will listen they should do this tech. Our natural gas bill and water/sewer bill were noticeably different once the unit was installed. – this technology reduces all three simultaneously. – *Please use me as a reference.*"

Here is a chart showing amounts saved in both usage and dollars on the Ozone alone:

Gallons of Water per year x Cost/1,000 gallons	Therms Saved per year x Cost per therm	kWh Saved per year x Cost per kWh
481,800 gallons @ \$10.15 per 1,000 gal <b>\$4,890.27 saved per year</b>	10,129 therms @ \$.61 / therm <b>\$6,178.69 saved per year</b>	10,918 kWh @ \$.089 / kWh <b>\$971.70 saved per year</b>

**Total utility savings per year is roughly \$12,000.** *The ROI for a system that size was under 18 months*

For further information/free savings assessment please contact:

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