

# Emendee Buzz

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Energy & Telecommunications Solutions For Schools & Businesses

July - September 2010

## Client Corner:



When we first met with Todd Raymond, Vice President of Facilities at Wheeler Clinic, the timing couldn't have been better. Todd was looking for ways to cut costs, and found a perfect solution that began with a Free Energy Audit.

The lighting hadn't been updated for a number of years, and a number of classrooms were using older T-12 lighting. Our solution included T-8 lamp replacements, as well as motion sensors and outdoor induction lights.

According to Todd, "Energy efficiency translates into environmental stewardship and savings. This is a win-win opportunity for our students, our staff, and our bottom line."

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**Next Issue: The latest on LED Lighting**

## The Latest on Induction Lights

An induction light is very similar to a fluorescent light, with one unique difference: there are no electrodes or filaments in an induction light. In many other bulbs, these are the parts that fail, causing the bulbs to burn out.

To put things in perspective:

- An incandescent bulb can last between 1,000 - 2,500 hours
- A halogen bulb can last between 3,000 - 6,000 hours
- A Compact Fluorescent Light last between 8,000 - 15,000 hours
- But, an induction light can last up to 100,000 hours!!!



An Induction Light

100,000 hours is equal to 11 years when used 24x7x365. Parking areas would be a great application for induction (or, as another option: LED) lighting. In addition, since these lights need to be changed much less than other kinds of lights, they may be the perfect fit for hard-to-reach locations, such as radio towers and tall light structures. And, when combined with the current incentives from the CT Energy Fund, it's a win-win for everyone!

## No out of pocket cost and 0% interest?!

In Connecticut, we all pay into the CT Energy Efficiency Fund, which shows up on your utility bill as the "Combined Public Benefits Charge", which currently equals 3/10 of a cent, per kWh used. When you add all of the monies collected from all of the CT customers, it adds up to millions!

A portion of this fund is used to help fund energy upgrades for business customers. Along with 0% interest on-bill financing, this often equates to no out-of-pocket costs for the customer. The monthly savings from the conservation measures usually pays for most, if not all, of the upgrade. Once the upgrade is completely paid for (usually in less than 36 months), the savings never end!!!