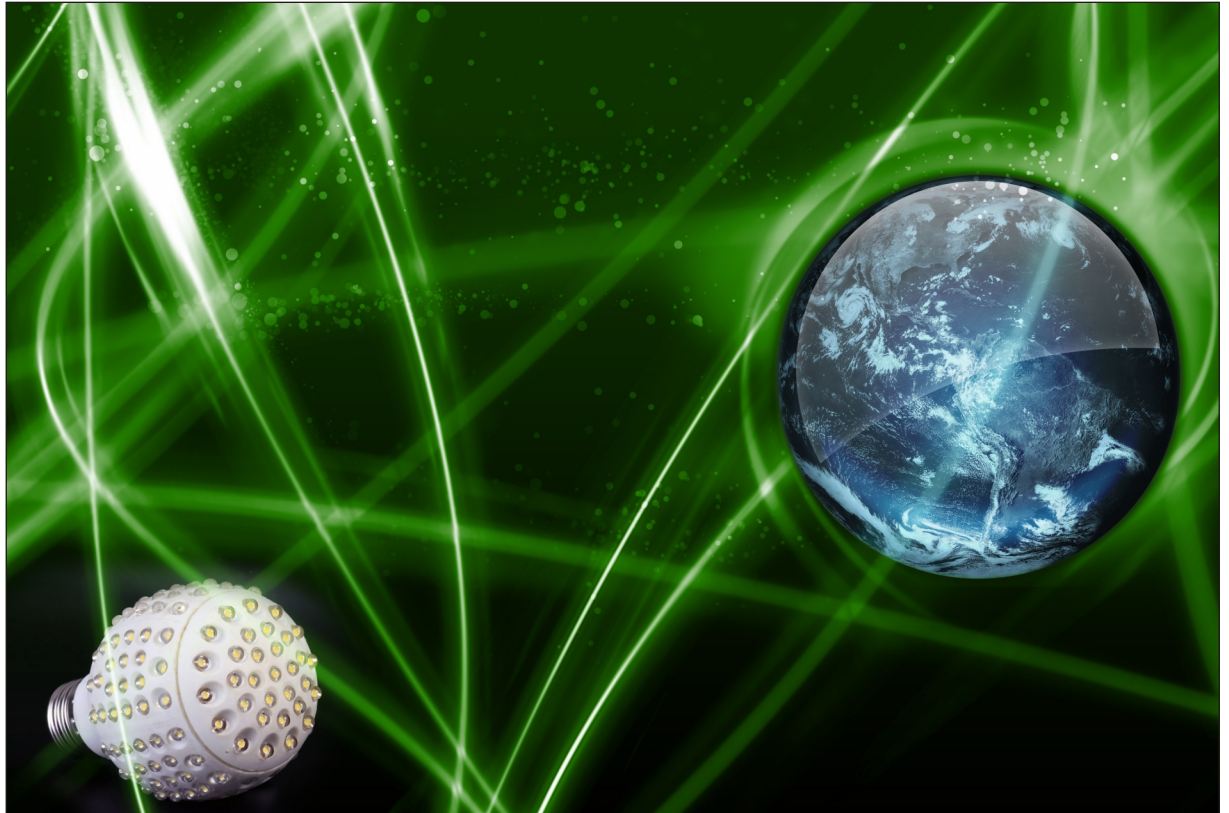


October, 2010

This newsletter is the seventh release of our Energy Smart Industry Newsletter. Green Agenda is complete with the latest in energy efficient solutions, legislation, and relevant articles. Do you have an interesting article to submit? E-mail us! info@energysmartindustry.com Follow us on twitter: @energysmartind We welcome your Feedback: Call 866-724-7041



## Eco friendly LED lights offer an excellent alternative to incandescent and CFL lamps

Being Light emitting diodes, LED lamps do not contain hazardous materials like lead or mercury....

### Why are LED lights considered better than incandescent and CFL lamps?

Incandescent lamps and CFLs are potentially slow poison for your family, for you and for the environment. They contain hazardous substances like mercury and lead that are dangerous to your health and to the planet. They are being fast replaced with LED lights because LED lights do not contain any of these. LED lights also save far more energy, giving you a huge saving on your energy bills. Not only does this mean cost-saving for you, but it means conserving fast-depleting natural resources.

Many offices, residences, commercial establishments and condos have switched over to LED lighting. Recognizing the critical need to help the environment, many governments have been urging their citizens to adopt more eco-friendly lighting options to conserve energy, avoid hazardous wastes and promote good health. It does seem like LED lights are the answer to a greener, safer tomorrow.

### Just how bad can mercury and lead be for you?

Here are some facts:

- Lead can cause neurological damage.
- It only takes 1 teaspoon of mercury to permanently contaminate a 20-acre lake.
- Mercury was listed as a hazardous substance by the Agency for Toxic Substances and Disease Registry (ATSDR) and the EPA. The stipulated 2 mg./liter is often surpassed by most CFL manufacturers.
- In children, exposure to mercury and lead can lead to learning disabilities and short-term memory loss.
- The Mercury from one fluorescent bulb can pollute 6,000 gallons of water beyond safe levels for drinking.
- The Environmental Protection Agency reports that 187 incinerators nationwide emit approximately 70,000 total pounds of mercury into the environment each year.



“Incandescent lamps and CFLs are potentially slow poison for your family, go for LED lights, the safer option....”

**How much energy do LED lights save?**

LED lights can save anywhere from 40% up to 70% on your energy bill. The energy saving depends on your usage patterns and several other factors. They help to reduce your carbon footprint and conserve valuable natural resources.

**Give yourself and the planet a new lease of life with ESI's LED lighting**

Eco friendly LED lighting is a part of Energy Smart Industry's Green Lease Management Program (GLMP). It is the best solution for huge savings on your energy bills, conserving natural resources and protecting you from hazardous substances. Energy Smart Industry provides LED retrofitting with zero out of pocket expenditure. As more and more people switch to LED lights, there will be lesser hazardous wastes contaminating the environment. This will have a massive impact on protecting our planet.

**What does Energy Smart Industry do for you?**

It creates a positive cash flow for you. Energy Smart Industry's Green Lease Management Program (GLMP) is a unique system designed to save you money, and allow you to upgrade your facilities with state-of-the-art lighting technology with no money paid up-front and guaranteed savings. The GLMP is designed to:

- Provide an actual reduction in total cost of lighting including the electrical utility cost attributable to lighting.
- Option of a zero advance cost program as well as various financing options that can include payment at the time of contracting
- Financing is typically five years, however can vary from one to ten years, according to your need

**LED Retrofit Program / GLMP Highlights**

- ZERO out of pocket expenditure on LED retrofit.
- Redesign of lighting to IESNA specifications
- Reduces A/C loads by 1 kilowatt for every 3 kilowatts of lighting energy saved (\$150-200 per ton of A/C saved with LED cool technology)
- NO Mercury, Cadmium or Lead
- NO UV or Infrared to degrade artwork or fabrics Average lifetime (can be longer)
- 75,000 hours (translates to nearly 9 years running 24/7; and nearly 18 years at 12/7)
- Reduces your maintenance bills on bulb and ballast replacement
- Reduces overall carbon footprint by eliminating mercury-laden lighting
- Installation by your people or ours... and we pay!
- POSITIVE CASH FLOW back to your budget!
- We are paid through savings on your electric bill.

Choose eco-friendly lighting; choose Energy Smart Industry!

**ESI's services include:**

- [\*Customized Lighting Solutions\*](#)
- [\*Lighting Design and Consultancy\*](#)
- [\*Lighting System Visualization\*](#)
- [\*The Green Lease Management Program \(GLMP\)\*](#)

For more information please visit our website at [www.EnergySmartIndustry.com](http://www.EnergySmartIndustry.com) or email [Justine@energysmartindustry.com](mailto:Justine@energysmartindustry.com). We can also be reached at 866-724-7041.

