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News Release Date: November 12, 2010

LIPA, Cree and The Home Depot Team up to Offer Discounts on New ENERGY STAR® Qualified EcoSmart LED Recessed Lighting Retrofits

LED lighting uses at least 75 percent less energy and lasts at least 25 times longer than incandescent bulbs

LED rebates provided through LIPA's Efficiency Long Island Program

Uniondale, NY - To promote the installation of energy saving LED (Light-Emitting Diode) lighting, The Long Island Power Authority (LIPA) is partnering with Cree and The Home Depot to offer substantial discounts on new LED ENERGY STAR® qualified recessed can lighting retrofits. Through LIPA's Efficiency Long Island program and in partnership with Cree, an LED lighting manufacturer, and The Home Depot who will display and sell the LED fixtures, LIPA customers can purchase the lamp (which is inclusive of the bulb) at a discount of \$15, reducing the price of the fixture from \$49.97 to \$34.97. ENERGY STAR qualified residential LED lighting uses at least 75 percent less energy and lasts at least 25 times longer than incandescent bulbs. The Cree-powered EcoSmart ENERGY STAR LED retrofits have been on display in Long Island Home Depot stores since the beginning of October and this offer will end on December 31, 2010.

"Lighting can account for up to 15 percent of the average electric bill, mostly due to the use of inefficient fixtures and bulbs," said LIPA's Chief Operating Officer Michael Hervey. "LIPA's Efficiency Long Island program continues to assist customers to replace inefficient lighting with new LED technology at a reduced cost which in turn will result in lower electric use and lower bills for our customers."

"Progressive, forward-thinking utilities like LIPA are helping us drive the LED Lighting Revolution to replace old, energy-wasting lighting technologies," said Ty Mitchell, Vice President and General Manager, Cree LED Lighting. "We applaud LIPA's commitment to developing an aggressive program that rewards consumers who choose the most efficient lighting available."

"The Home Depot is a proud sponsor of the ENERGY STAR program," said Bill Hamilton, Merchandising Vice President, Electrical at The Home Depot. "The new EcoSmart brand LED downlight (SKU 499485) is available at all our The Home Depot stores on Long Island and we encourage customers to take advantage of this great savings opportunity provided by LIPA"

ENERGY STAR qualified LED lighting is a natural fit for cutting-edge renovation, new construction projects, or do-it-yourself upgrades. It provides optimal light color while saving energy and money.

- An ENERGY STAR qualified LED fixture can save \$10.73 per year compared to an incandescent bulb; that is a savings of \$343.36 over the lifetime of the fixture.
- When used in place of incandescent reflector lamps, the lifetime savings is compounded for homes that have multiple recessed can lighting retrofits; for example, more than \$2,060.00 in energy savings for 6 downlights or \$4,120.00 for 12 lights. In comparison to a Compact Fluorescent Light Bulb (CFL) the annual savings per fixture is \$0.54 or \$17.28 over the rated lifetime of the fixture.

While both LEDs and CFLs are energy efficient, LED lighting lasts at least three times longer than a CFL, meaning less time spent shopping for and installing replacement bulbs. In addition, the Cree recessed LED downlight turns on instantly and is dimmable down to 5 percent.

All LED lighting products are not the same, for a quality product it must be ENERGY STAR. To qualify for ENERGY STAR, LED lighting products must pass a variety of tests to prove that the products will display the following characteristics:

- Brightness must be equal to or greater than existing lighting technologies (incandescent or fluorescent)
- The light unit is well distributed over the area lighted by the fixture. The light output should remain constant over time, only decreasing towards the end of the rated lifetime (at least 25,000 hours or 22 years based on use of 3 hours per day).
- The color must be of excellent quality. The shade of white light appears clear and consistent over time. The efficiency is as good as or better than fluorescent lighting.
- The light needs to come on instantly when turned on and no flicker when dimmed.
- In addition, manufacturers must provide a 3-year minimum warranty on their ENERGY STAR qualified LED fixtures, so their products are guaranteed.

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