



For Immediate Release:

## **Kilawatt Technologies and Gardener's Supply Complete Efficiency Lighting Project**

**Lighting retro-fit will slash greenhouse gases 51%, lower energy costs \$350,000 at Gardenworks Fulfillment Center**

Shelburne, VT-November 12, 2007- Kilawatt Technologies is pleased to announce the completion of a lighting retro-fit for Gardener's Supply Company, at the company's 100,000 sq. ft. Gardenworks Fulfillment Center located in Essex, VT. Over the past year, Gardener's Supply Company's management, employees and their "green team" have been working with Kilawatt Technologies to reduce energy use and lower greenhouse gas emissions at their three Vermont facilities. Since completing the lighting efficiency project, measured electricity use has fallen by over 50%, and over the eight year life of their lease, the Gardenworks lighting retro-fit will reduce greenhouse gases by 51%, preventing an amazing 2.8 million lbs. of harmful carbon dioxide from being released into the atmosphere. In addition, the company will save over \$350,000 in energy expenses. The return on investment for Gardener's Supply, including all costs and fees, is less than one year.

"As a national leader in environmental stewardship through earth-friendly gardening, we are impressed with the carbon reduction" says company President Jim Feinson. "But, we are also thrilled with the dollar savings and the dramatically improved lighting quality in the facility. Everyone loves it."

Kilawatt Technologies identified and quantified the environmental and financial impact of improving the lighting in this facility, which is part of their ongoing conservation work. Using Kilawatt's EnerSuite

software, the company performed rigorous financial analysis to develop an efficiency installation that met Gardener's Supply's business needs with a payback on their investment of less than one year. Using EnerSuite's financial analysis, Kilowatt Technologies was able to help Gardner's Supply secure additional funding available through Efficiency Vermont, contributing further to the viability of the project.

Kilowatt Technologies worked with Light Space Design and Gardner's Supply managers and employees to evaluate business schedules, workflow patterns and operational practices in the fulfillment center, and developed a custom plan that conserves maximum energy and provides optimum light levels for employees in each part of the warehouse. The Gardenworks building is leased from R.E.M Development Company and over 220 lighting fixtures were installed by Hammond Electric. Many of these fixtures incorporated advanced occupancy sensors to further cut electricity use and demand.

Kilowatt Technologies' diverse product offerings are based on its innovative EnerSuite technology providing organizations with effective smart energy solutions that reduces greenhouse gases and lower energy consumption. The company's products range from affordable, internet delivered products to extensive energy conservation services. Gardener's Supply Company was founded in 1983 by a handful of enthusiastic Vermont gardeners and today serves millions of gardeners nationwide. The company actively promotes gardening as an important way for people to make the world a better place in their communities, and in the world at large.

To learn more about Gardener's Supply Company, please visit [www.gardeners.com](http://www.gardeners.com). For more information about Kilowatt Technologies, please call 802.985.2285 or visit [www.kilowatt.com](http://www.kilowatt.com).

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