
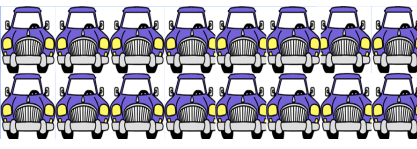



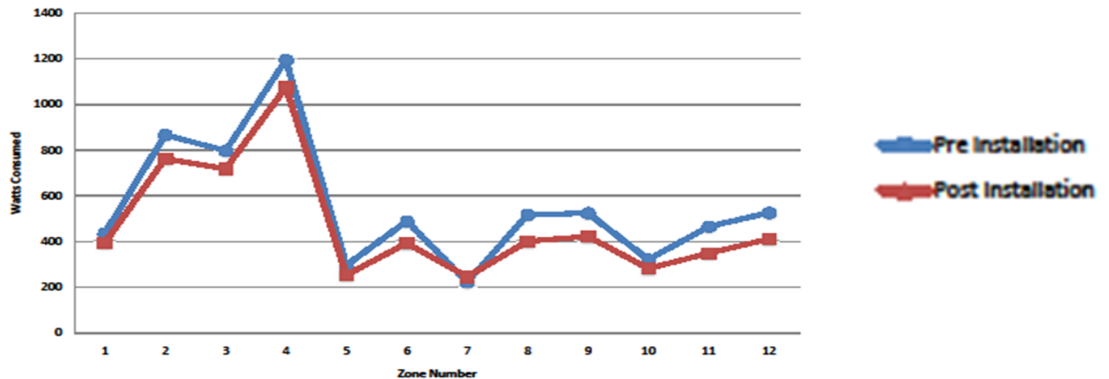
# Energy Saving Lighting Project Saves Money and Reduces Green House Gas Emissions

You may have noticed that the White Mountains Regional High School looks a little brighter. It is. This is due to an energy saving lighting retrofit project completed in December,, 2011. The goals of this project were to reduce the school's electricity bill; improve lighting quality; and reduce carbon emissions. The project scope included retrofitting 731 fixtures with high performance T8 lamps and electronic ballasts; replacing 347 fixtures and installing 66 occupancy sensors in applicable rooms.

This project is expected to reduce the School's electric bills by **\$18,632 per year** and reduce the energy usage by **120,209 kilowatt hours** annually. These energy savings are the equivalent of removing **59 metric tons** of CO<sub>2</sub> from the atmosphere, or:

 <p>The carbon sequestered by <b>295</b> tree seedlings grown for 10 years.</p>	 <p>CO<sub>2</sub> emissions from <b>1,292</b> gallons of gasoline consumed.</p>	 <p>Greenhouse gas emissions avoided by recycling <b>4 tons</b> of waste instead of sending it to the landfill.</p>
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To pay for this project, the school leveraged funding from the American Recovery and Reinvestment Act (ARRA), Public Service of New Hampshire (PSNH) and the Regional Green House Gas Initiative (RGGI). LightTec, Inc. of Merrimack, NH, which was awarded the work through a public bidding process, provided the design and installation services. The measured energy savings results are shown below.



Learn more about how you can become more energy efficient, save money on your electricity bills and reduce green house gas emissions at: [www.myenergyplan.org](http://www.myenergyplan.org); [www.nhsaves.com](http://www.nhsaves.com) ; [www.energystar.gov](http://www.energystar.gov); [www.energysavers.gov](http://www.energysavers.gov).



Learn more about the Regional Greenhouse Gas Initiative at [www.rggi.org](http://www.rggi.org)

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Public Service  
of New Hampshire  
The Northeast Utilities System

