



Be a good neighbor.

**Saving Energy is good for the environment....
*and good for your bottom line***

Join the private businesses, schools, colleges, and municipalities in lowering your carbon footprint and reducing greenhouse gas emissions by reducing energy waste. You can use less energy by being smarter about the energy you do use. AEM can help by providing smarter controls for your HVAC and lighting.

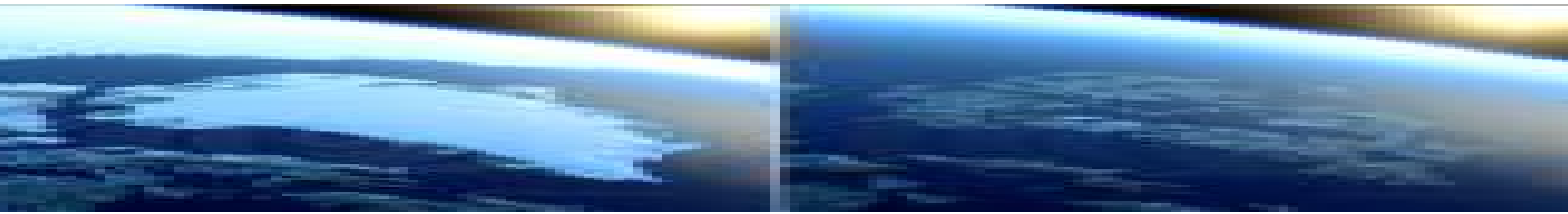
Reduce your carbon footprint

Fossil fuels supply 85 percent of the primary energy consumed in the United States and are responsible for 98 percent of carbon dioxide emissions. Electricity generation consumes 40 percent of this primary energy, and is responsible for 40 percent of the carbon dioxide emissions. It is estimated that 4.1 billion metric tons of carbon dioxide emissions produced each year (measured in carbon equivalent terms), are added to the atmosphere annually. The positive imbalance between greenhouse gas emissions and absorption, results in the continuing increase in atmospheric concentrations of greenhouse gases which are detrimental to the planet.



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Saving energy is good for the planet



Trees absorb, store and use Carbon Dioxide (CO₂) in photosynthesis. Each one acre of fir trees absorbs 4.5 Metric Tons of CO₂ per year.



Building owners and operators can significantly reduce carbon dioxide emissions by reducing the energy their facilities consume. A typical 150,000 square foot building might reduce electric consumption by 300,000 KWH per year. This would reduce Carbon Dioxide emissions by 214 Metric Tons per year. This is equivalent to the CO₂ absorption of 48 acres of fir trees, or removing 60 cars from the road.

There is no cheaper, cleaner source of energy than energy you do not have to produce.

Saving energy is a good investment

Saving energy saves money and makes the property more valuable. A typical 150,000 square foot building that reduces electric consumption by 300,000 KWH could save about \$60,000 per year. There are generous utility company rebates and financing arrangements available to help pay for these energy saving measures. In addition, lower operating cost makes the building worth more. In a commercial building increasing the net operating income by \$60,000 per year would add about \$480,000 to the resale value of the property.



Contact AEM to lower your carbon emissions and save you money at the same time.

AEM's building automation systems save energy by reducing waste and operating your existing HVAC and Lighting systems in the most efficient way possible.