

# Go Green And Save With Metal Building



The growing focus on “going green” is hard to ignore. While you may not be interested in the larger scale of environmental preservation, there is one aspect that should grab your attention: the cost savings that comes with energy conservation. Research has proven that energy consumption is the largest and most controllable operating cost of a commercial building. This fact is becoming even more poignant as energy costs increase at alarming rates, with no signs of slowing.

## The Low-Risk Return

Do you have a low-risk, long-term strategy to manage your energy costs? The benefits of increasing energy efficiency through quality insulation products are incomparable. That is why Metal Building Insulation provides not only customized products that will instantly decrease your energy consumption, but also offers consolidated resources to help you gain additional energy savings. By fully understanding the many ways thermal energy loss can be mitigated, insulation companies can help develop a complete energy management system for your facility.

Maybe you’ve recently invested in a new metal building with the assumption that it’s been efficiently insulated. Or perhaps you’ve thought that retrofitting energy-saving measures into your existing structure would cost too much upfront, erasing any savings down the road. **These are false assumptions.**

Many existing metal buildings typically were constructed with only two inches of insulation, a minimal and in most cases insufficient amount, causing you to lose thousands of dollars annually in wasted energy. Likewise, owners of older commercial buildings may be paying 50% more for heating and cooling due to air leakage. As energy costs skyrocket and the price of insulation holds steady, the overall cost of insulating an existing commercial building is negligible compared to the potential cost savings.



**Tremendous Heat Loss w/ Torn Insulation**

## Just the Facts

The main benefits of properly insulating your facility speak for themselves:

**Thermal Efficiency:** Because thermal energy loss is one of a building owner’s largest expenses, insulating effectively may yield a 20-50% savings on your next energy bill.<sup>1</sup>

**Quick Payback:** The initial cost of insulating your metal building – from \$1.60 per square foot installed – is quickly absorbed by instantly lowered energy bills. In fact, many customers have reported payback as soon as two years after installation.



**Heat Flow Control:** Because insulation acts as a barrier to slow the movement of heat, energy consumption becomes more efficient, resulting in lower energy outlays.

**Condensation Control:** Equipped with a laminated vapor retardant known as facing, quality insulation prevents condensation, allowing for better climate control and maximum insulating efficiency.

**Lighting Efficiency:** Insulation facing also provides bright, reflective wall and ceiling treatments to increase lighting efficiency, reducing energy bills and costs for additional lighting fixtures.

**Tax Breaks:** Eligible energy improvements such as re-insulation may qualify for a tax credit of up to \$1.80 per square foot, dependent upon the scope of the project.<sup>2</sup> For more detailed information about this tax savings, visit <http://www.steelbuildinginsulation.com/Brochures/Brochures.html>

Short-term fixes to energy problems only offer short-term results. Get the maximum return on your real-estate investment. Reduce your metal building’s operational costs, create a more comfortable environment and promote the overall long-term quality of your structure by taking a proactive step toward energy efficiency.

**To learn more about insulation or to investigate your energy-saving options, visit [www.steelbuildinginsulation.com](http://www.steelbuildinginsulation.com)**

<sup>1</sup> Energy savings depend on previous level of insulation, climate and type of insulation installed.

<sup>2</sup> “New tax break for energy efficiency,” *tedmag.com*, February 2006