

SPECIAL EDITION

MKS Building Report: Energy Costs almost 50% of the Normal!

After one year of compiling the data, the numbers tell the story.

On the campus of Indiana Tech, the energy costs for the recently restored Wilfred Uytensu Sr. Center are nearly 50% of the average cost per square foot for similar buildings found in the Midwest.

While normal office complexes spend around \$1.50 per square foot to heat, cool, light, and power everything necessary to operate, this 153 year old building's utility bill only totaled \$0.768 per square foot. When compared to the Department of Energy's Commercial Building's Energy Consumption Survey average pricing, funding which would normally go towards energy costs for the facility housing the school's administration can now be directed towards the education of the campus's many students.

How did this happen?

A team led by Michael Kinder & Sons as the Construction Manager delivered a **LEED Gold** certified building and became a shining example of how a partnership of design and construction professionals working with a team of forward-looking campus leaders can achieve what was previously considered improbable...more space utilization for **less energy costs!**

If you still doubt such savings are possible...take a look below at the recorded energy use, compiled by our friends at Primary Engineering.

| | Total Cons (KWH) | Total Cost | Cost/kWh | Cost/sf |
|-------------------|------------------|-------------------|----------|----------------|
| Jul-10 | 13,000 | \$957.43 | \$0.07 | \$0.081 |
| Aug-10 | 10,560 | \$772.90 | \$0.07 | \$0.065 |
| Sep-10 | 8,960 | \$649.75 | \$0.07 | \$0.055 |
| Oct-10 | 5,280 | \$418.08 | \$0.08 | \$0.035 |
| Nov-10 | 7,080 | \$574.34 | \$0.08 | \$0.049 |
| Dec-10 | 11,920 | \$893.21 | \$0.07 | \$0.076 |
| Jan-11 | 12,800 | \$969.91 | \$0.08 | \$0.082 |
| Feb-11 | 12,720 | \$952.16 | \$0.07 | \$0.081 |
| Mar-11 | 9,440 | \$722.97 | \$0.08 | \$0.061 |
| Apr-11 | 8,520 | \$648.32 | \$0.08 | \$0.055 |
| May-11 | 7,760 | \$645.29 | \$0.08 | \$0.055 |
| Jun-11 | 11,520 | \$866.18 | \$0.08 | \$0.073 |
| Total | 119,560 | \$9,070.54 | | \$0.768 |
| Median | 10,000.0 | | | |
| Average | 9,963.3 | | | |
| kBTU/sq ft | 34.6 | | | |

"Develop lasting, trustworthy relationships by adopting each client into our family business and providing them with the highest level of construction and management."

- MKS Mission Statement

Michael Kinder & Sons, Inc.
5206 Decatur Road
Fort Wayne, IN 46806
260.744.4359
www.kinderandsons.com

Saving operational costs...the Kinder way of Design-Build.



July 2011, SE