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Dedicated Outdoor Air Systems Save Energy, Lots of Energy!

When Madison Investment Advisors (MIA) wanted to expand their facility, they wanted the addition to be a model of energy-efficiency and hired Doug Kozel of KEE Architecture to lead the effort. Doug hired The Renschler Company to design the heating, ventilating, and air-conditioning (HVAC) system and requested that the system incorporate ground loop heat pumps. The addition has been occupied for over a year and recently received a Focus on Energy Award of Excellence from the Wisconsin Green Building Alliance (WGBA).

Click [here](#) to read article.



Project Spotlight

The Renschler Company was awarded and has since completed a 36,000 square foot Shopko Hometown Store in Columbus, WI. The building is a pre-engineered metal building with a glass entrance, and a masonry and exterior insulation finish system [EIFS] veneer. The new facility houses a pharmacy and optical department along with a large retail floor area. The architect was Somerville Architects.

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CREATE YOUR OWN ECONOMY

A Publication of The Renschler Company

RenewAire Renovation

By Eric T. Truelove, P.E., GGA, LEED AP BD+C

How do we keep manufacturing right here in the United States rather than moving it overseas? The answer is by increasing our competitiveness through lower operating costs. Consider the following manufacturing renovation successfully completed by The Renschler Company:



This 37,000 square-foot, combination office/light manufacturing renovation was completed in July 2005. The Renschler Company forecast energy savings of 30%. After one year of operation, actual utility bills reflected a savings of 50%. Using the Energy Star® Target Finder tool, actual energy bills indicate this facility scored in the upper 89% of similar buildings for low energy consumption. Additional cost for all energy saving upgrades was less than 1.5% of the total construction cost. The RenewAire Renovation is the first building in the Midwest to receive a Green Globes® award for energy-efficiency and good environmental stewardship **AND** a LEED® Silver certification.

According to Doug Steege, Vice President at RenewAire:

"The construction was completed on time and within our modest budget and we would have considered the project a success based on that alone. Even more important to our company, you said you could help us get our project LEED Certified, something we had not believed we would be able to afford...We know from working on a number of other LEED projects around the country that the LEED process is often frustrating and associated with unpleasant price increases. This did not occur on our project and we have you to directly thank. Then you demonstrated unexpected value added by getting our building Green Globes Certified. This is just one example of Renschler Company staff going beyond the contract to satisfy your customer. We would not hesitate to recommend your company to anyone planning a commercial construction project. We look forward to a time in not too many years when we will be working with you again on our next facility!"



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Energy Star® is in your Universe!

We compared the utility bills at the RenewAire Renovation one year after the building was complete and five years after the building had been in full operation. After five years of operation, the RenewAire Renovation uses less energy than 85% of similar buildings in the area. So what does that mean?

Energy Star has a tool called the Target Finder which uses a database containing information on the actual energy use at hundreds of thousands of commercial buildings located across the country. The owners of the 37,000 sf RenewAire Renovation paid \$40,144 for energy this past year which gave them an Energy Star score of 85%, easily above the minimum score for an Energy Star Award which is 75%. What would the owners have paid if the building scored at the 75% level: \$50,458 for this past year or \$10,314 more!

The Energy Star Target Finder provides an apples-to-apples comparison by taking into consideration the location of the building, size of the building, types of spaces in the building, number of people in the building, and the building operating hours. All of these factors are used in determining a final score. For more information on the Energy Star Target Finder, go to the following web site: www.energystar.gov and search on "Target Finder" or contact Eric Truelove at 608-827-1169 or erict@renschler.com.

The proof is in the...data. Energy Star provides the proof that any size building with virtually any use can benefit from high performance, low cost upgrades. Engage in the discussion with Energy Center of Wisconsin, Focus on Energy or **us**.

You can build a competitive advantage!

Happy Holidays & Merry Christmas!

Sincerely,



Bernie Lange, President



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