

Case Study Report



Project Identification

Customer: Whiteland Logistics Building #2
Location: Whiteland, Indiana

Design Specifications

Facility Warehouse 168,480' x 36' High
Winter Operation 70° – 0°



Project Challenge:

Whiteland Logistics Bldg #2 is a 168,480' speculative distribution warehouse in Whiteland, IN. The building developer requested the facility to maintain 70°-0° in winter months, able to accommodate 1 to 4 separate tenants and to use minimal utilities while the building is unoccupied.

Equipment Solution:

Air Energy provided (4) ER-242-800s + (4) 24" x 36" Intake Hoods to meet ASHRAE 62.1 fresh air code. The Intake Hoods remain closed during the unoccupied operation eliminating the need to heat outside air. By installing The Rack Units + Hoods with occupied/unoccupied operation setting Building 2 **saved \$.19/sf in utility costs.**



Results of Rack System:

Whiteland Bldg. #2 experienced Annual Savings totaling **\$31,952:**

- Electrical – 58,815 kWh at \$.10/kWh
- Natural Gas – 34,762 therms at \$.75/therm

Carbon Footprint Reduction: 244 tons of CO2 emissions annually

Whiteland Building #2 received verified Vectren Rebate:

- Vectren – Natural Gas: **\$34,762**



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