Case Study Report

Project Identification

Customer: OHL – 1100 Whitaker Rd. Facility Location: Plainfield, Indiana

Design Specifications

Facility Warehouse 352,000' x 40' High Winter Operation 70° – 0°

Project Challenge:

OHL's facility was being heated by (4) 80/20 Direct Fired Recirculation Makeup Air Units. They were experiencing inconsistent temperatures throughout their facility and needed to correct this because their product has a temperature tolerance of only +/- 1°- 2° of 70°.

Equipment Solution:

Air Energy Systems designed a system to utilize (7) ER-242-800 Rack Units run by a Web Comfort Energy Management System. This equipment led to precise control over the temperature in the facility, which also resulted in a significant reduction in both electrical and gas consumption.

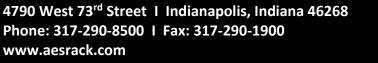
Results of Rack System:

OHL experienced Annual Savings totaling \$50,590:

- Electrical 192,500 kW at \$.10/kW
- Natural Gas 40,175 therms at \$.80/therm

OHL received verified Vectren Gas Rebate:

Vectren – Natural Gas– \$32,140



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