

# Case Study Report



## Project Identification

Customer: Park 130 – Building 3  
Location: Whitestown, Indiana

## Design Specifications

Facility Warehouse 317,000' x 36' High  
Winter Operation 70° – 0°

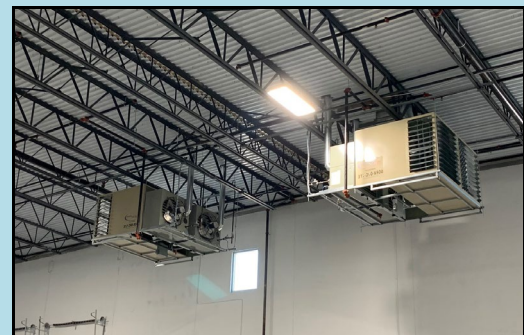


## Project Challenge:

Park 130 Bldg #3 is a 317,000' speculative distribution warehouse in Whitestown, IN. The building developer requested the facility to maintain 70°-0° in winter months, able to accommodate 1 to 4 separate tenants, to use minimal utilities while the building is unoccupied.

## Equipment Solution:

Air Energy provided (6) ER-242-800s + (4) 24" x 36" Intake Hoods to meet ASHRAE 62.1 Fresh Air Code. The building was divided into (3) Sub-Tenants (160,000', 95,000', 62,000'), this was easily accommodated by relocating (1) Rack Unit. The new tenants were all able to maintain their desired temperatures without having to add additional equipment.



## Results of Rack System:

Building 3 experienced Annual Savings totaling **\$55,320**:

- Electrical – 137,235 kWh at \$.10/kWh
- Natural Gas – 55,465 therms at \$.75/therm

**Carbon Footprint Reduction: 422 tons of CO2 emissions annually**

Park 130 Building #3 received verified Vectren Rebate:

- Vectren – Natural Gas: **\$55,465**

4790 West 73<sup>rd</sup> Street | Indianapolis, Indiana 46268  
Phone: 317-290-8500 | [www.aesrack.com](http://www.aesrack.com)

Air Energy Systems, Inc.  
Collin Maher  
[cmaher@aesrack.com](mailto:cmaher@aesrack.com)