

Case Study Report



Project Identification

Customer: Landsberg Orora
Location: Greenfield, Indiana



Design Specifications

Facility Warehouse 100,000' x 36' High
Winter Operation 60° – 0°

Project Challenge:

Landsberg Orora constructed a new distribution warehouse in Greenfield, IN to house packing products. The facility's HVAC system needed to align with sustainability guidelines established by Landsberg Orora, maintain 60° in the winter and provide summer ventilation.

Equipment Solution:

Air Energy Systems devised a total HVAC system consisting of (2) ER-242-800s combined with an intake hood. The Racks deliver the heat throughout the facility in the winter and provide 1.5 air turnovers for ventilation in the summer.

Rack Units installed at Landsberg Orora reduced annual utility consumption by 48%.



Results of Rack System:

Landsberg Orora experienced Annual Savings totaling **\$16,050**

- Electrical – 71,150 kWh at \$.10/kWh
- Natural Gas – 11,165 therms at \$.80/therm

Landsberg Orora received verified Vectren Rebate:

- Vectren – Natural Gas: **\$6,499**

