

Case Study Report



Project Identification

Customer: Camp Atterbury – Bldg 747
Location: Edinburg, Indiana

Design Specifications

Facility Warehouse 11,000' x 20' High
Winter Operation 68° – 0°



Project Challenge:

The Indiana National Guard was putting in a new storage facility on the Camp Atterbury Base. They were looking for a total HVAC system that would heat to 68° in the winter, provide summer ventilation and would meet the National Guards efficiency standards.

Equipment Solution:

Air Energy provided an ER-230-264 with (2) Energy Star rated Lennox 96% efficient unit heaters and an Intake damper to meet ASHRAE 62.1. The Rack Unit heats the facility to 68°-0°, provides 5 Air Changes an hour for summer ventilation and is run off a Wireless Energy Management System.



Results of Rack System:

Bldg 747 experienced Annual Savings totaling **\$6,500**:

- Electrical – 20,200 kW at \$.10/kW
- Natural Gas – 5,375 therms at \$.80/therm

The National Guards building 747 saved over 50% in utility costs.

