

**USPS New Orleans  
Mail Distribution Center  
HVAC Replacement / Energy  
Efficiency Upgrade**

*Location: New Orleans, LA  
Owner: U.S. Federal Government  
Project Cost (MEP):\$3.7M  
Completion:August 2009*



In the wake of Hurricane Katrina Pinnacle Energy Services' engineers were brought in to New Orleans to evaluate HVAC damage to a large multi-story primary regional mail distribution facility totaling 380ksf.

The project began with our performing a complete HVAC inventory of the facility along with an Energy Efficiency Analysis to scope for opportunities to make improvements in conjunction with the renovation effort.



The results of the review, which included a Building Energy Model and Life Cycle Cost Analysis, were presented in a formal report to USPS upper management with recommendations that included a number of efficiency improvements including conversion to Variable Air Volume HVAC equipment and the addition of economizing controls. All of our report recommendations were approved by the USPS and we subsequently designed and oversaw construction of the work.



Following the initial project, the U.S. Postal Service extended the renovation to include the entire building Fire Alarm System and we provided a similar scope of work in that phase including a thorough site evaluation followed by complete Engineering Design Services.