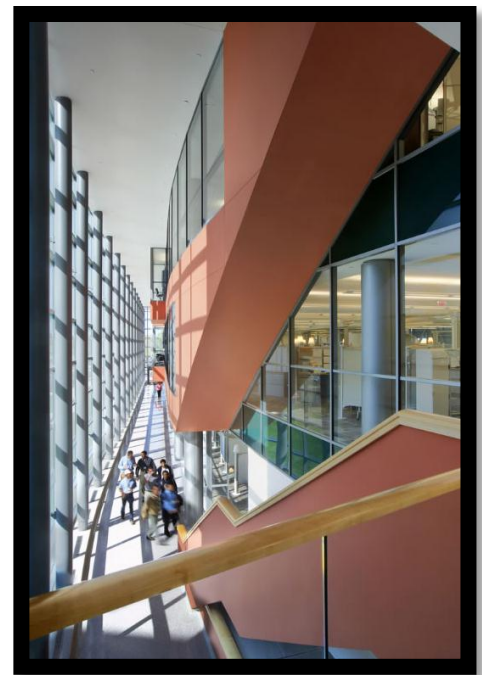


Tyson Foods World Headquarters Energy Efficiency Consulting

Location: Tyson Parkway
Springdale, Arkansas

Pinnacle Energy Services has assisted Tyson Foods, one of the world's largest processors and marketers of chicken, beef and pork, in a variety of energy efficiency projects they have undertaken on their World Headquarter Campus in Springdale, AR.

Projects have included a Controls Retro-Commissioning work, LEED-EB:O&M 2009 certification assistance, Measurement & Verification work, a central boiler plant part-load condition evaluation, and a low SHGC glazing replacement study on a clerestory building section on one of their campus towers.



Project Highlight: Corporate Testing Labs:

Tyson Foods called upon Pinnacle Energy to perform an energy evaluation on Tyson's operationally sensitive Corporate Labs facility operating at Bio-Safety Level 2 and tests production poultry samples for salmonella and E-Coli pathogens.

Pinnacle performed an ASHRAE Level 2 Energy Audit that included recommendations to execute a controls replacement project on an under-performing pneumatic controls system and

laboratory exhaust ventilation system. Pinnacle provided pay-back analysis for this and other Energy Conservation Opportunities (ECO's) for Tyson and put together an overall strategy for making the energy efficiency improvements.

Our work included an extensive DDC trend log evaluation which compared control data against the original design documents to determine the overall energy and safety performance of the facility's mission-critical HVAC systems.

We performed engineering ventilation calculations to verify existing air-change-per-hour values and compared against requirements established by Center for Disease Control (CDC) Biosafety in Microbiological and Biomedical Labs (BMBL) and ASHRAE.

