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"The Power to Perform"

CASE STUDY

ENERGY PERFORMANCE PROJECT



WHO IS FORTITECH

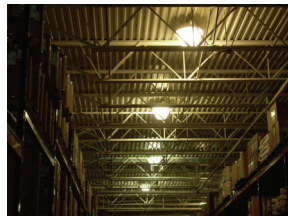
Founded in 1986, Fortitech, Inc. is the world leader in the development of custom nutrient premixes for the food, beverage and pharmaceutical industries, integrating functional ingredients from a comprehensive selection of vitamins, minerals, amino acids, nucleotides and nutraceuticals. Fortitech is ISO 9001:2000 and FPA certified and meets kosher and Halal standards. Headquartered in Schenectady, N.Y., the company has a global network of manufacturing and distribution facilities, throughout Europe, Asia Pacific, South America, Mexico and the United States (New York and California).



Fortitech realized the need to reduce operating costs, reduce emissions, and become a greener facility. They hired Atlantic Energy to do a detailed energy audit on their Schenectady Headquarters, and processing plant. After carefully examining the facility Atlantic Energy decided it would be best to focus on the lighting, sensors and controls piece of the project. As a private facility Fortitech was looking for a simple payback of less than 3 years. We replaced all existing HID lighting throughout the warehouse and processing stations. We also installed bi-level switching on many of the fixtures, occupancy sensors, and a full re-lamp and re-ballast on all office and hallway areas.

PROJECT SUMMARY

- PROJECT SIZE: \$165,000
- ANNUAL SAVINGS: \$57,792
- NYSERDA REBATE: \$22,599
- EPACT05: \$57,000
- NET COST TO CLIENT: \$85,401
- SIMPLE PAYBACK: 1.5 YEARS
- TOTAL INSTALLATION TIME: 3 WEEKS



Lighting Before



Illustration of lighting used in project