High Bay Lighting
EFFICIENCY PROJECT

CUSTOMER PROFILE: Crown Distributing

Cost Savings: $10,000/yr.  Payback: < 1.5 yrs. (ROI = 67%)

CROWN DISTRIBUTING – a local Arlington company that distributes beverage products such as Budweiser and Snapple – came to an important conclusion following a PUD energy audit. It could upgrade lighting in its warehouse and greatly reduce its energy costs.

After working with the PUD, Crown cut its annual lighting energy usage by more than 146,000 kilowatt-hours (kWh), resulting in savings of more than $10,000 per year.

The project involved replacement of 400W metal halide fixtures with high-bay fluorescent T-8 fixtures that were equipped with occupancy sensors. Along with the tremendous energy savings, lighting quality and illumination levels also improved. Additionally, the project reduced refrigeration loads by over 20 kW – resulting in even more savings to Crown.

Crown worked with the PUD to evaluate project feasibility, costs, return on investment, and incentive funding. The utility also helped the business secure several bids from contractors to perform the work.

By taking advantage of PUD incentive funds totaling $20,500, Crown Distributing cut the lighting project’s costs by more than half with a payback period of less than 1.5 years.

“...the warehouse crew says the improved lighting quality helps them do their order picking better. Working with the PUD has been good, and we’re looking forward to seeing those energy savings on our bills.”

Jeff Weewie
Vice President of Operations, Crown Distributing

BEFORE: METAL HALIDE

AFTER: FLUORESCENT T-8

We're surprised and delighted with the lighting results — the warehouse crew says the improved lighting quality helps them do their order picking better. Working with the PUD has been good, and we're looking forward to seeing those energy savings on our bills.”

Jeff Weewie
Vice President of Operations, Crown Distributing