Hinds Bock Corporation

Cost Savings: $4,200/yr.  Payback: < 1 year  (ROI = 100%)

HINDS BOCK CORPORATION in Bothell manufactures processing equipment and systems to meet the needs of food production, bakery, cosmetic and specialty chemical companies.

Hinds Bock was the first company to benefit from the PUD’s New Construction energy-efficiency incentive program. The project focused on optimizing lighting and automatic controls in Hinds Bock’s new machine shop.

Hinds Bock and PUD energy-efficiency engineers evaluated project feasibility, costs, return on investment and incentive funding availability to develop a project plan. As a result, Hinds Bock installed 42 high-efficiency light fixtures with mirror reflector luminaries and T-8 lamps with electronic ballasts plus dual switching controls that add the capability of turning on just half of the lights.

By installing the efficient lighting system, Hinds Bock was able to cut its annual lighting energy usage by more than 61,000 kilowatt-hours (kWh), saving $4,200 per year. In addition to taking advantage of PUD incentive funds, Hinds Bock was able to reduce the number of fixtures required, cutting standard lighting material costs by 50%.

The installed lighting system is 70% more efficient than standard design practice for illuminating machine shops and has a simple payback period of less than one year.

In addition, by installing skylights overhead and task lighting with occupancy sensors at each machine, the owners and operators can now turn-off overhead lighting and take advantage of natural lighting, further reducing energy use.

To find out how PUD energy professionals can assist you in identifying and managing your next energy project, please contact us today.

“We’re very pleased with the appearance of these new light fixtures, satisfied with the quality of lighting, and surprised with how much energy we’re saving.”

Gary Hinds
President, Hinds Bock Corporation