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# LIGHTEN THE LOAD

Industry Lighting Energy Reduction Program



# MECHANICS

- PCDA arranged for a lighting audit (how much the company could save, how much in rebates it would receive and how long it would take to pay for itself);
- Baseline lighting bill established;
- Financing was arranged by the banking partner using the projected savings as collateral, and the projected ROI period for the term;
- Old, inefficient metal halide, T-12 florescent and incandescent lighting fixtures were replaced with new LED lights and fixtures;
- Company continued to pay the baseline lighting bill until the loan was paid off (X% went to the actual lighting cost and Y% went to pay off the loan);
- Company realized full savings once the loan was paid off;

# NUMBERS

- Program Period: 18 months
- Number of Projects: 14
- Project Length: 3 to 6 weeks
- Total Cost: \$1.2 million
- Rebates: \$157,000
- Average ROI: 1.47 years
- Annual Savings: \$501,712



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