

Put your Business in the Best Light



Case 10: Ice Harbor Dam

Save as much as 50 percent of the lighting costs at your facility.

The lighting upgrade above saves the U.S. Army Corps of Engineers' Ice Harbor Dam in Snake River, Wash., 760 kilowatt-hours per fixture per year through the installation of energy efficient lamps. In this case, old 100-watt incandescent fixtures were replaced with new fixtures containing a 48-watt T-8 lamp and an 8-watt compact fluorescent. The fixtures are also equipped with a motion sensor allowing continuous operation of the CFL only, with additional illumination from the T-8 when motion is detected. The retrofit reduced energy use by almost 50 percent while more than doubling light levels.

Other possible benefits of lighting equipment upgrades:

- Reduced maintenance costs due to the longer life of the new equipment.
- Increased employee productivity and morale due to improved lighting intensity and improved safety conditions.
- Positive reactions from customers visiting your business.
- Reduced environmental impact from electricity generation.
- Reduced air conditioning load because less heat is produced by lighting systems.

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