

CHRISTIAN LIFE FELLOWSHIP

NEW LIGHTING BRINGS “DAYLIGHT” INTO 30-YEAR-OLD BUILDING

The recent installation of energy-efficient lighting at the Christian Life Fellowship building in Campbell River has improved the interior with brighter light that is close to daylight in quality. What’s more, the lighting upgrade will save the organization \$2,600 each year.

THE CHALLENGE: MODERNIZE A 30-YEAR-OLD LIGHTING SYSTEM AT AN AFFORDABLE COST

The Christian Life Fellowship is housed in a 40,000-square-foot building that encompasses a chapel, offices, daycare classrooms and a gymnasium. All of the original lighting was in place, and it was no longer adequate.

“We wanted to reduce our carbon footprint, because a building this size makes a difference,” says Tony Teufel, Administrative Assistant of Christian Life Fellowship. “Plus we wanted to improve the poor lighting quality, to make this a more comfortable place to be in. Some people were actually getting headaches from the inadequate lighting.”

When a BC Hydro bill came in with information about Power Smart programs, Teufel contacted his BC Hydro rep and found out about the Product Incentive Program, which provides incentives for the installation of a wide range of energy efficient technologies. The BC Hydro rep went over the premises with Teufel and recommended an energy-efficient lighting retrofit for the entire building. A Power Smart incentive of \$2,550 would help offset the cost and make the project affordable.

Teufel took the proposal to the Christian Life Fellowship board. After considering the problems with the old lighting and the benefits of an upgrade, the board approved the project. The Fellowship and their local lighting contractor then worked to upgrade the lighting room by room.

“The new lighting is much more energy efficient, so we’re saving on electricity costs. More important, everybody really appreciates the improvement in lighting quality. It’s just awesome.”

—Tony Teufel, Administrative Assistant

ENJOYING THEIR SUCCESS

Improved comfort

The organization has been thrilled with the improved quality of lighting.

Remarkable savings

The lighting upgrade will save the organization \$2,600 each year.

A CLOSER LOOK

TYPE OF UPGRADE	NUMBER
4'1 lamp T8 electronic ballasts	2
4'2 lamp T8 electronic ballasts	161
Compact Fluorescent screw-in lamps (less than 42 W)	43
LED exit signs	15
T8 4' energy saver lamps	324

SAVINGS

Electricity saved each year (kilowatt hours)	30,181
Annual savings on bills and maintenance	\$2,221
Value of Power Smart rebates and incentives	\$2,550

The retrofit involved installing:

- T8 fluorescent lamps and electronic ballasts
- Compact fluorescent screw-in lamps
- LED exit signs
- T8 energy-saver lamps

THE BENEFITS

Better light quality, lower operating costs

Although saving money was not the primary goal of the retrofit, the new technologies are saving over 30,000 kilowatt hours of electricity a year, equivalent to \$1,710 in annual energy savings. As well, maintenance costs are reduced since the energy-efficient lights last longer and fewer lamp replacements are needed.

Even more important is the improvement in lighting quality, which, according to Teufel, "is much better than it was—more like daylight."

YOU CAN SAVE TOO

Discover just how much your administrative or commercial facility can benefit from energy-efficient lighting technologies—right now and for years to come. Under the Power Smart Product Incentive Program, a variety of products qualify for incentives that can lower paybacks and make upgrade projects even more attractive:

- Compact fluorescent lamps save up to 75 per cent in energy costs over incandescent lamps.
- Energy-Saver T8 fluorescents with electronic ballasts save 40-50 per cent in energy costs over the older T12s with magnetic ballasts.
- LED exit signs are 90 per cent more efficient than incandescent signs and last up to 25 years.
- Lighting occupancy sensors can save up to 70 per cent in energy costs, depending on the room, while prolonging the lifespan of your lighting products.

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CONTACT US

For more on how you can benefit from energy-efficient technologies through our Product Incentive Program.

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