

SMART INCENTIVES FOR SMART BUILDINGS

POWER SMART NEW CONSTRUCTION PROGRAM

Our New Construction Program can help you develop energy-efficient, cost effective buildings.

No matter their size, all high-performance buildings have one thing in common: they've been designed, from the ground up, for maximum energy efficiency. The reasons are straightforward. High-performance buildings mean lower operating costs, more comfortable tenants, and a smaller environmental footprint—not to mention their enhanced market value. And with BC Hydro Power Smart incentives, making it all happen is easier than ever.

BChydro 
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VANCOUVER CONVENTION CENTRE

IS THE PROGRAM FOR YOU?

The New Construction Program is designed for commercial, institutional and multi unit residential new developments or major building retrofits, to help reduce the costs of building energy efficient buildings. To be eligible, buildings must be located within BC Hydro's service territory.

A PROGRAM FOR EVERY BUILDING

Whole Building Design

Buildings that can save 50,000 KWh of electricity per year, and are in the early stages of the design process are eligible for capital incentives. BC Hydro is offering to fund up to **100 per cent** of an approved energy modeling study cost, allowing you to zero in on the best electric energy conservation measures from the ground up. With the study findings at your side, you'll have no trouble establishing the business case for a high-performance building design.

System Design

New commercial, institutional and multi-unit residential buildings that want to look at specific systems or are further in the process to participate in Whole Building Design and that can save 50,000 KWh of electricity per year can be eligible for our capital incentives. System Design offers simple energy study requirements and available energy study funding for approved systems.

Energy Efficient Lighting Design

Lighting can account for half of the total electricity use in commercial buildings. That's a major expense. With great lighting design, your project will simply cost less to operate and maintain, while also enjoying a smaller environmental footprint.

BC Hydro offers up to \$1,000 for the creation of an efficient lighting design that exceeds applicable building code by 10 per cent (ASHRAE/IESNA 90.1) and that can save at least 10,000 KWh/yr. The design energy savings and incentives are calculated using a "Lighting Calculator" that can be downloaded from the BC Hydro website.

BENEFITS FOR OWNERS AND FOR USERS

- Lower operating expenses
- Reduced Capital Expenses
- Enhanced marketability and higher asset value
- A smaller environmental footprint
- Comfortable, satisfied tenants that stay with you longer
- Recognition as an Energy Efficient Developer



DOCKSIDE GREEN

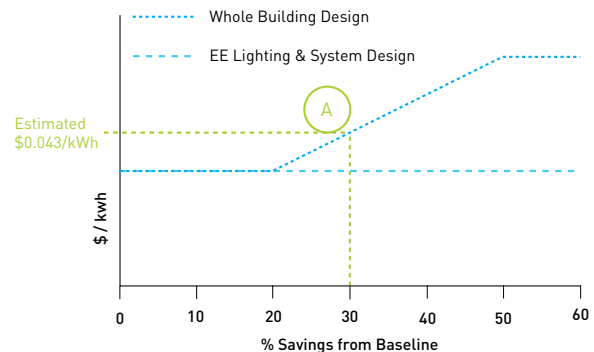
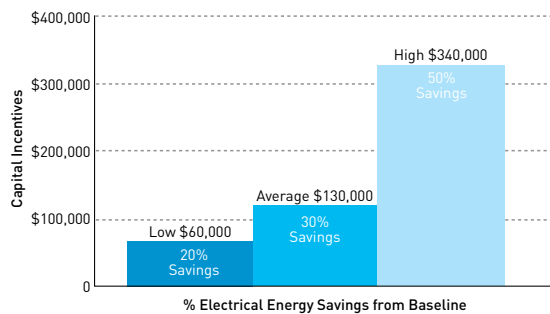
CAPITAL INCENTIVES FOR ACTUAL ENERGY SAVINGS

Once you've taken part in the Whole Building Design, System Design or the Energy Efficient Lighting Design study, you may be eligible to receive incentives for the implementation of approved electric energy conservation measures.

Buildings participating in the Whole Building Design offer can take advantage of our **Tiered Incentives**, ranging from up to \$30,000–\$60,000 per 100,000 kWh saved. They provide higher incentives on projects that implement electric energy conservation measures that save a larger percentage of electrical energy from the baseline. Buildings participating in System Design and Energy Efficient Lighting Design may be eligible for our fix incentive rate. Up to \$30,000 per 100,000 kWh.

Tiered Incentive examples:

The graphs below show estimated incentives for three energy savings scenarios for a typical 60,000 sqft commercial office building with 1,000,000 kWh/yr baseline of electricity consumption.



Point A:

Example of a Whole Building Design project designed with the potential of 30 per cent electricity saving for a building with 1,000,000 kWh/yr baseline. This project would achieve 300,000 kWh/yr of electricity saving with 10 years persistency. The potential capital incentive is \$130,000 at TIER capital incentive rates averaged at \$0.043/kWh.

Estimates based on a 10 year persistency of savings. TIER incentives eligible for Whole Building Design offer only. Savings are subject to BC Hydro's approval. Program offer may change without prior notice.

Contact your BCHydro representative for more details.

"My advice to any designer or developer," says Warren Buckley, President and CEO of BC Pavilion Corporation, "is to get BC Hydro involved from the beginning. They have expertise and resources you can rely on. We could have done it by ourselves, but not as well."

THE RECOGNITION YOU DESERVE

We believe in giving credit where credit is due. When your new high-performance building is complete, you'll receive a recognition package that includes:

- Acknowledgment of your accomplishment on BC Hydro's website, including the names of the developer, owner and design team
- Signage to identify your completed building as a Power Smart project
- The opportunity to leverage the Power Smart brand in your marketing materials.

LEED-COMPATIBLE ENERGY STUDY

A BC Hydro-funded energy modeling study could be used towards your LEED certification — saving you energy modeling cost and time (some restrictions may apply).

For more information on Power Smart's New Construction Program, call us today.

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1 866 522 4713 elsewhere in BC.

bchydro.com/construction

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