

WHAT IS A POWER SMART NEW HOME?

A Power Smart Silver Home is a home that achieves an EnerGuide rating of 77–79, by the EnerGuide Rating Service.

To achieve Power Smart Gold, the house must achieve a rating of at least EnerGuide 80 or higher, which indicates that it is a highly energy-efficient new house.

To receive a Power Smart label, homes must also include the ENERGY STAR Appliance Package.

LOOK FOR THE POWER SMART LABEL



**WITH POWER SMART,
BUILDING ENERGY
EFFICIENT HOMES
IS EASIER THAN
YOU THINK.**

TO LEARN MORE

To learn more about the Power Smart New Home program, visit our website bchydro.com/powersmart or email: powersmart.newhome@bchydro.com.

For a detailed consultation contact:
Doug Overholt,
Power Smart New Home Representative,
at 604 929 7408.



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Builders and developers in B.C. are under increasing pressure to build more energy-efficient homes. How can you meet the new challenges of satisfying municipal requirements and increasing consumer demand for more energy-efficient homes?

Power Smart can help. The Power Smart New Home Program has established energy-efficient standards for new residential home construction, based on the nationally accepted EnerGuide Rating System for houses.

Builders who develop single-family homes, townhouses and multi-unit residential buildings that meet Power Smart standards can offset their incremental costs through Power Smart New Home Program financial incentives and cooperative marketing support.

WHAT ARE THE BENEFITS TO PARTICIPATING IN THE POWER SMART NEW HOME PROGRAM?

- Financial incentives from Power Smart lower your net costs to build and certify an energy-efficient home.
- Power Smart cooperative marketing reinforces your green marketing profile with prospective home buyers, providing them assurance they are buying an energy-efficient home.

WHAT INCENTIVES ARE AVAILABLE?

Single Family Detached, Row/Townhouse/Duplex

- ENERGY STAR® Appliance Package—Up to \$200 per home
 - Includes the following ENERGY STAR products: refrigerator, dishwasher, front-loading clothes washer, 40 per cent compact fluorescent lighting and ventilation fan.
- EnerGuide rating 80 or higher—\$200 to \$400 per home^{1,2}
 - Must install an ENERGY STAR appliance package.

¹ Not available in the City of Vancouver where EnerGuide 80 is mandated by City bylaw.

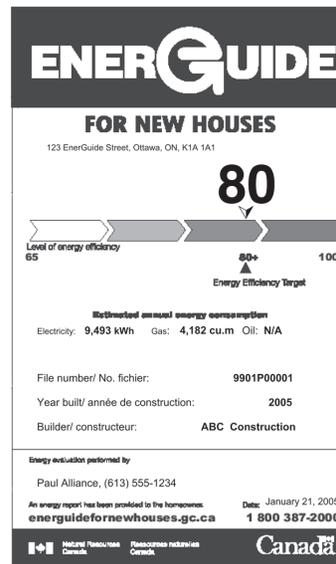
² Incentive is available in City of Vancouver for row housing and townhouses, but NOT duplexes where mandated by City bylaws.

Multi-Unit Residential Buildings (Low-rise and High-rise)

- ENERGY STAR Appliance Package—Up to \$200 per suite
 - Includes the following ENERGY STAR products: refrigerator, dishwasher, front-loading clothes washer, 40 per cent compact fluorescent lighting and ventilation fan.

WHAT IS AN ENERGUIDE RATING FOR HOUSES?

EnerGuide is an independent rating and report developed by Natural Resources Canada (NRCan). Similar to the mileage rating on a new car, the EnerGuide rating estimates a home's annual energy consumption.



The home's energy-efficiency level is rated on a scale of 0 to 100. A rating of 0 represents a home with major air leakage, no insulation and extremely high energy consumption. A rating of 100 represents a house that is airtight, well insulated, sufficiently ventilated and requires no purchased energy.

A GUIDE TO ENERGUIDE RATINGS

Type of House	EnerGuide Rating
Existing house not upgraded to moderately upgraded	0 to 68
Typical new house	69 to 77
Energy-efficient new house	78 to 83
Highly energy-efficient new house	83 to 90
House that uses little or no purchased energy, an "Advanced House" or "Net Zero" home	91 to 100

HOW CAN YOUR PROJECT BE ENERGUIDE RATED?

The EnerGuide rating for each home is calculated by a Certified Energy Advisor, using the energy modelling of building plans and the results of the air leakage test performed once the house has been built.

Steps in the Process:

- Step 1: Builder enrolls with Natural Resources Canada**
- Step 2: Pre-construction evaluation is conducted**
 - Builder has house plans evaluated by a Certified Energy Advisor, who can also make recommendations to improve the home's EnerGuide rating.
- Step 3: The builder completes construction of the home(s)**
- Step 4: Post-construction verification is conducted**
 - After construction the Certified Energy Advisor conducts an air leakage test on each home.
- Step 5: Labelling & Incentives**
 - Results are submitted to Natural Resources Canada and an application is sent to BC Hydro Power Smart. A label and incentives are issued to the builder.