

## 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](http://bchydro.com/powersmart) or email: [powersmart.newhome@bchydro.com](mailto: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<sup>®</sup> 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<sup>1,2</sup>
  - Must install an ENERGY STAR appliance package.

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

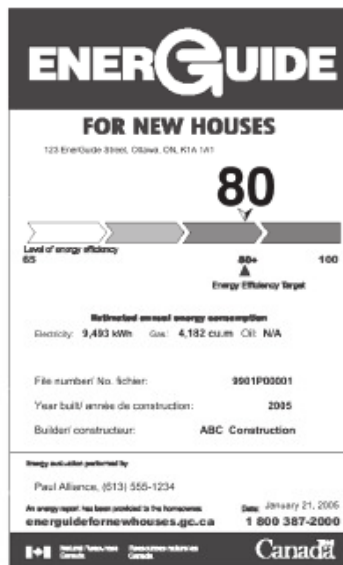
<sup>2</sup>Incentive is available in City of Vancouver for row housing and townhouses, but NOT duplexes where mandated by City bylaws.

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.

