

HOMES, COMMERCIAL AND INSTITUTIONAL BUILDINGS

The Energy Efficient Buildings Strategy (EEBS) improves energy efficiency in B.C.'s homes and other buildings. Residences account for 13 per cent of all energy consumed in the Province. The BC Green Building Code puts B.C. at the forefront of environmental leadership with the highest energy efficiency standards in Canada. The LiveSmart BC: Energy Efficient Incentive Program will provide \$60 million for auditing and retrofitting existing homes and low-income households and for energy audits of small businesses. This means lower heating and energy costs and less impact on the environment.

EEBS will help B.C. residences improve energy efficiency through the following actions:

- ▶ \$60 million LiveSmart BC: Efficiency Incentive Program for assessing and retrofitting homes and low-income households.
- ▶ Set targets to reduce average energy demand per home by 20 per cent by 2020.
- ▶ Target Energuide 80 rating for all new homes by 2010.
- ▶ Implement the B.C. Green Building Code with the highest electricity efficiency standards in Canada.
- ▶ \$1 million to construct net zero energy homes.
- ▶ \$5 million for SolarBC project.
- ▶ BC Hydro and FortisBC will install smart meters for approximately 1.8 million residential and commercial customers by 2012.
- ▶ Pursue policies for energy labelling of houses at time of transfer or sale.

Commercial and institutional buildings account for 10 per cent of all energy consumed in the Province. EEBS will improve energy efficiency for buildings through the following actions:

- ▶ LiveSmart BC: Efficiency Incentive Program offers free energy assessments for small commercial buildings.
- ▶ Set targets to reduce energy demand at work by a total of nine per cent per square metre by 2020.
- ▶ Implement the BC Green Building Code with the highest efficiency standards in Canada.
- ▶ Revise the Model National Energy Code for Buildings by 2012.
- ▶ Building energy labelling program, linking to utility and federal incentive programs.
- ▶ Pursue policies for energy labelling at the time of transfer or sale of commercial or institutional buildings.
- ▶ Industrial energy efficiency strategy to address specific challenges faced by B.C.'s industrial sector.
- ▶ BC Hydro and FortisBC will install digitally operated smart meters for their customers.
- ▶ New rate structures will encourage energy efficiency and conservation.