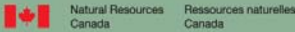





ecoENERGY Retrofit – Homes

Grants for Energy Upgrades


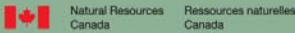

April 2009


Suzanne M. Deschênes
a/ Deputy Director, Housing Division
Office of Energy Efficiency


ecoENERGY Retrofit - Homes

- **Eligible homes:**
 - Detached and semi-detached single family homes and low-rise multi-unit residential buildings of three storeys or less
 - **Now includes mix-used facilities (50% residential)**
- **Available grant:**
 - \$5,000 per home maximum (**no change**)
- **How homeowners can apply:**
 - A licensed and independent energy advisor performs a pre-retrofit residential energy assessment
 - Homeowner completes selected upgrades within 18 months
 - Have the home re-assessed
 - The energy advisor will prepare the paperwork and forward the application to the OEE
 - One-stop access to collaborative programs with provinces and utilities




What you need to know?




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- Buildings:
 - Vertical duplexes, triplexes
 - Small Buildings of 3.5 stories
 - Row Housing are not multi-unit buildings
 - Assessment protocol under review 2 door or zone limitation
 - Limitations on mixed-use

- Cost:
 - Dependent on structure
 - Market set not NRCan




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Process: Home Energy Assessment





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Walk Through


Gather Data





Air Leakage Test




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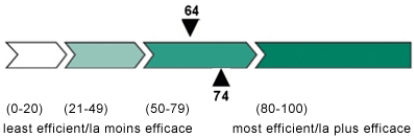


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
- Building owner tools:
 - Report with personalized recommendations
 - Rating impact and savings
 - Listing of grants available
 - Information on recommendations
 - Fuel neutral
 - Building owner kit contains
 - grant information, table of grants, brochures relevant to upgrades outlined in the report and *Keeping the Heat In* booklet
 - EnerGuide label with energy rating




(0-20) (21-49) (50-79) (80-100)
least efficient/la moins efficace most efficient/la plus efficace




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ecoENERGY Retrofit – Homes: Grants




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- Grants are measures-based
 - Best-in-class furnaces –
 - Added insulation walls, foundation and attics
 - Energy Star Window and doors
 - New technologies – Solar domestic hot water
 - Drain water heat recovery systems
 - Second systems – half grant
 - Multiplier for insulation based on number of units
 - Time for building owners to think about it



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Provincial, Territorial & Utility Collaboration



- 11 out of 13 collaborating on home retrofit programs
- Many subsidize cost of evaluation
 - Ontario – 50% up to \$150 (to homeowner)
 - Québec - 50% of pre-assessment, 100% of post to service organization
 - British Columbia – 50% of pre-assessment, payable after the post-retrofit – paid to homeowner.
- Coupled with a variety of programs:
 - Full or partial matching grants (i.e. measure specific)
 - Loans (with or without interest)
 - Savings (i.e. cubic metres of natural gas)
 - Points improvements (i.e \$100 per point after 2 points)
- Grant can be combined with other incentives provided no more than 100% of costs covered
- One stop shopping for administration – one signature



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ecoENERGY Retrofit – Homes – Results



- 300,000 pre-retrofit evaluations since April 1/07
- 77 Service Organizations licensed to date
 - 1175 active energy advisors
 - Availability monitored for 144 largest urban agglomerations in Canada
 - Target 3 weeks max. for wait time
- \$ 113M in grants – forecast conversion rate of 62%
 - Homeowners have up to 18 months to complete upgrades and apply for the grant
 - Early applications often for single actions such as furnace replacement, ground-source heat pump – missed opportunities
- Average annual energy savings of 23%
- Greenhouse gas emissions reductions of 3.3 tonnes per house per year
- Improved home comfort, indoor air quality, durability of structure



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QUESTIONS??



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Please do not forget my colleagues for High Rises!!!



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