

Understanding Home Energy Evaluations: Making Them Work for You

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Home Energuide Rating Chart

Type of House	Rating
Older house not upgraded	0 to 50
Upgraded old house	51 to 65
Energy efficient upgraded old house or typical new house	66 to 74
Energy efficient new house	75 to 79
Highly energy efficient new house	80 to 90
An “advanced house” that uses little or no purchased energy	91 to 100



Points to Consider

- ▶ 60% or more of energy used in a home goes towards heating and cooling costs
- ▶ Homeowners participating in this program typically achieve a 30% reduction in energy use and receive on average \$2,250
- ▶ Annual reduction in greenhouse gas emissions 2.9 tonnes of carbon dioxide
- ▶ According to NRCan average annual household heating bill is \$2000
- ▶ Home resale value increased by about \$20 for every \$1 decrease in annual fuel costs. *This increase in home value is an addition to the expected benefits of preferential financing and positive cash flow.**

**Study conducted by ICF International – An international consulting firm based in Virginia USA. The study was published in October 1998 in The Appraisal Journal by the Appraisal Institute in Chicago.*



Scenario

Upgrade	Approx Cost	Grant
Heating System	\$4,000	\$1,580
Cooling System	\$2,000	\$500
Toilet	\$150	\$130
Windows (4 basement)	\$1,500	\$320(4x\$80)
Insulation (Basement Header R20)	\$500	\$250
Insulation Attic (R50)	\$1,200	\$1,500
Air Sealing	\$120	\$380
Total	\$9,470	\$4,660



Scenario

- ▶ Cost to make retrofits \$9,450 – Grants rec'd \$4,660
- ▶ Reducing heating costs by at least 30%
- ▶ On an annual \$2000 heating bill – save \$600 annually
- ▶ Annual energy savings will pay off remaining investment in 7 yrs
- ▶ Improve health and comfort of the home!
- ▶ Increase market value of the home by \$12,000

