

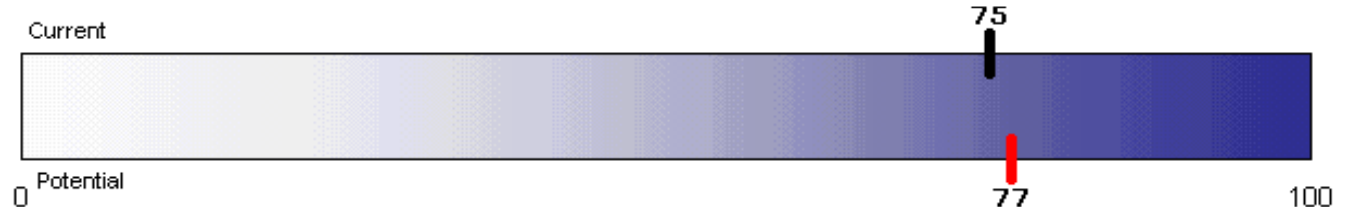
REEP Home Profile Homes Built in the 1990's



TYPICAL SINGLE DETACHED DWELLING IN WATERLOO REGION

(Average of 164 Houses)

- Size = 264 m² (2,933 ft.²)
- EGH Rating = 75
- Energy Consumption = 141,742 MJ
- Estimated Leakage Area = 758 cm²



TYPICAL ENERGY PROBLEMS

- require improved ventilation
- need makeup air for combustion

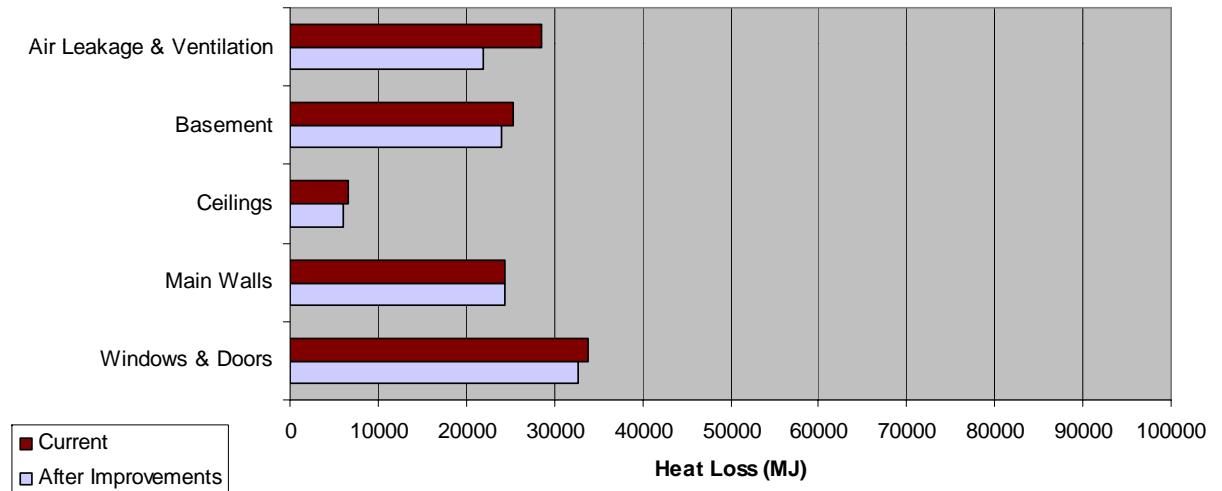
TYPICAL ENERGY SOLUTIONS

- install heat recovery ventilator
- makeup air ducting
- improve exhaust fans

Rating Change = +2
Annual Energy Savings = 10%

Upgraded EGH Rating = 77
Upgraded Energy Savings = 13,785 MJ
Upgraded CO₂ Savings = 931 Kg

Heat Loss by Area



Upgraded Fuel Consumption

