

REEP Home Profile

Homes Built in the 1960's



TYPICAL SINGLE DETACHED DWELLING IN WATERLOO REGION

(Average of 289 Houses)

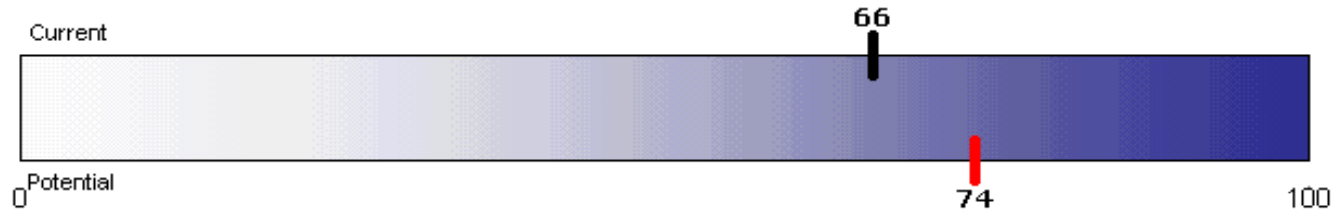
- Size = 210 m² (2,333 ft.²)
- EnerGuide for Houses Rating = 66
- Energy Consumption = 178,034 MJ
- Estimated Leakage Area = 1,079 cm²

TYPICAL ENERGY PROBLEMS

- insufficient insulation, particularly in unheated floor areas (e.g. above garage)
- poor insulation in basement
- poor insulation in attic
- building additions (e.g. sunroom) above crawl space

TYPICAL ENERGY SOLUTIONS

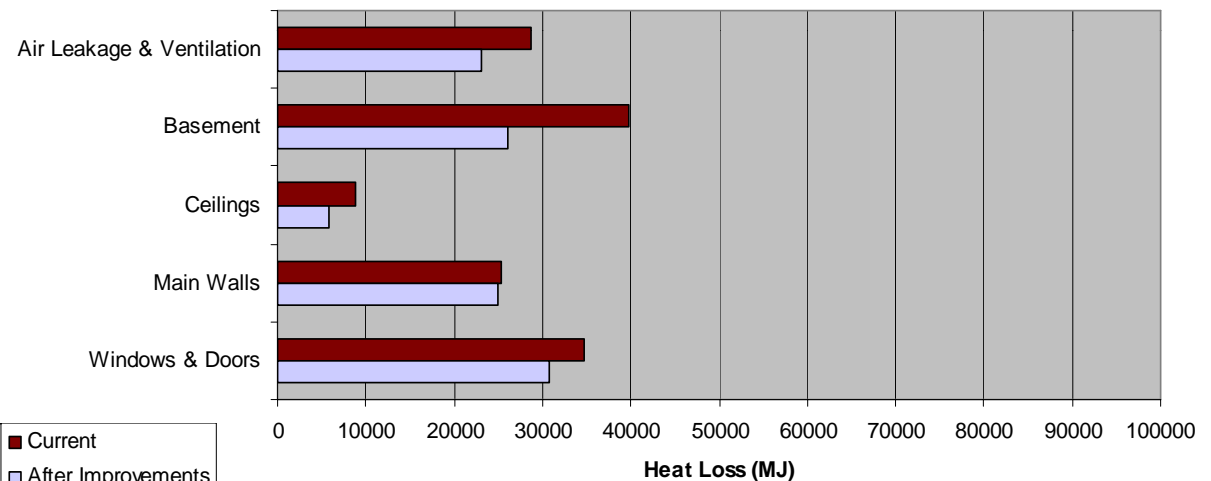
- improve insulation in walls and attic
- insulate top of basement
- provide better insulation in additions
- air sealing, especially around additions



Rating Change = +8
Annual Energy Savings = 24%

Upgraded EGH Rating = 74
Upgraded Energy Savings = 42,992 MJ
Upgraded CO₂ Savings = 2,869 Kg

Heat Loss by Area



Upgraded Fuel Consumption

