

Building Envelope Performance Target Worksheet

This worksheet will help you determine if your proposed design meets the R-2000 envelope performance target (25% better than code). For this step, you will need to have a building envelope performance model, as per the directions in the **R-2000 NZE Pilot Technical Procedures**. Run a full-house report, and then enter in the relevant data in the yellow columns.

The weather region is set to OTTAWA, ONTARIO

HOT2000 House Description

HOT2000 Building Envelope Design Model Filename (e.g. '[your project name]_BldgEnv.hse')	NZEr_BldgEnvTarget .hse
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HOT2000 Report Parameter	Value
House volume	676 m ³
Envelope Surface Area	543 m ²

Envelope Performance Model Energy Consumption

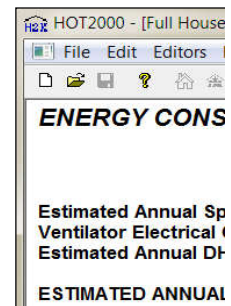
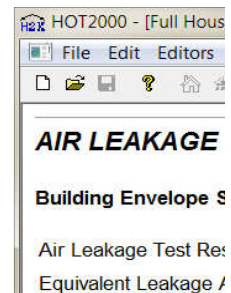
HOT2000 Report Parameter	Value
Estimated Annual Space Heating Energy Consumption	18840 MJ
Total	18840 MJ

Building Envelope Performance Target

Estimated code reference energy consumption	69215 MJ
Estimated Building Envelope Performance Target	46374 MJ
Reported HOT2000 Envelope Energy Consumption	18840 MJ
% improvement over code reference house	72.8%

• Your proposed design meets or exceeds the R-2000 Building Envelope Performance Target (33% less energy use than code)

• Your proposed envelope design is eligible for NRCan's R-2000 NZE Pilot; continue to MyEnerGuide Rating calculation



se Report]

Reports View Window Help

AND VENTILATION

Surface Area: 383.30 m² ← Enter this #

sults at 50 Pa.(0.2 in H₂O) = 3.04 ACH

Area @ 10 Pa = 545.89 cm²

se Report]

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SUMPTION SUMMARY REPORT

Enter these #'s

Space Heating Energy Consumption	= 46608.74 MJ
Consumption: Heating Hours	= 0.00 MJ
DHW Heating Energy Consumption	= 28110.34 MJ

L SPACE + DHW ENERGY CONSUMPTION = 74719.08 MJ