

MyEnerguide Rating

This work sheet will compute the annual energy consumption of your proposed design, and your MyEnerguideRating.

The weather region is set to **OTTAWA,ONTARIO**

HOT2000 House Description

HOT2000 Proposed Design Model Filename: **erin_ProposedDesign.hse**

Annual Energy Consumption by Device

End-use		Value	
Space heating	Primary	5691	MJ
	Secondary		MJ
DHW heating	Primary	7663	MJ
	Secondary		MJ
Lights & Appliances		21812	MJ
HRV & Fans		1597	MJ
Air Conditioner		791	MJ
Total annual energy consumption		37553	MJ

Annual Energy Production

Energy Source			Value	
Photovoltaics	South facing	11000	kWh	39600 MJ
	East facing		kWh	0 MJ
	West facing		kWh	0 MJ
	North facing		kWh	0 MJ
Wind Energy			kWh	0 MJ
Total annual energy production				39600 MJ

MyEnerguide Rating **-2 GJ / year**

- Your proposed design achieves R-2000 Net Zero Energy performance.

MONTHLY ESTIMATED ENERGY CONSUMPTION		
Space Heating		
Month	Primary	Secondary
Jan	2746.5	5901.1
Feb	3251.4	2572.1
Mar	3315.2	752.8
Apr	1848.0	18.9
May	545.5	7.6
Jun	59.2	0.3
Jul	0.0	0.0
Aug	0.0	0.0
Sep	416.1	6.2
Oct	1893.3	19.5
Nov	1893.3	19.5
Dec	3053.6	4751.1
Ann	20636.9	15532.1

*** DISTRIBUTION OF PEAK ELECTRICAL LOAD	
Electrical	
Month	Load
Jan	3702.3
Feb	2755.9
Mar	2336.4
Apr	1611.1
May	1327.4
Jun	1238.6
Jul	1408.1
Aug	1410.5
Sep	1288.3
Oct	1743.5
Nov	2619.6
Dec	3469.4
Annual	24911.1

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ENERGY CONSUMPTION BY DEVICE (MJ)

Category	DHW Heating		Lights & Appliances	HRV & FANS	Air Conditioner
	Primary	Secondary			
3	0.0	1616.8	2678.4	385.5	0.0
7	0.0	1330.2	2419.2	347.7	0.0
3	0.0	1322.1	2678.4	342.5	0.0
	0.0	1079.0	2592.0	261.9	0.0
	0.0	996.8	2678.4	407.7	142.7
	0.0	830.1	2592.0	581.8	395.8
	0.0	842.8	2678.4	839.7	708.1
	0.0	946.5	2678.4	839.7	613.2
	0.0	1086.1	2592.0	390.5	146.8
	0.0	1340.2	2678.4	313.0	32.0
15	0.0	1474.1	2592.0	354.3	0.0
3	0.0	1623.3	2678.4	383.3	0.0
16	0.0	14488.0	31536.0	5447.7	2038.6

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HOTVOLTAIC SYSTEM GENERATION (kWh) ***

Available PV Energy	PV Utilized	Net Electrical Load
506.3	506.3	3196.0
642.0	642.0	2113.9
881.1	881.1	1455.3
925.5	925.5	685.6
961.3	961.3	366.1
942.7	942.7	296.0
991.5	991.5	416.6
935.6	935.6	474.9
793.4	793.4	494.9
696.0	696.0	1047.4
487.4	487.4	2132.2
420.8	420.8	3048.6
9183.6	9183.6	15727.4

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