



"Green" Option Calculator

Customer	
Floor Plan	
Address	
1st floor insulated Area	
2nd Floor Insulated Area	
Total Heated Living Area	
Flat Ceiling Area	
Vaulted Ceiling Area	
Exterior Wall Area (for BIB Insulation)	
Exterior Wall Area (for R-3 Sheathing)	
Total Window Area	
Total LF of Barge/Facia	
# of Trusses	

Number	Item	Cost	Quantity	Total
Energy Star				
Option #1 (Envelope Upgrade)				
Insulation				
	Ceiling - Flat (R-49)	\$0.18	0	\$0.00
	Ceiling - Rafter Vault (R-30)		0	\$0.00
	Ceiling - Scissor Truss Vault(R-38)	\$0.24	0	\$0.00
	Energy Heel Trusses and Enclosed Soffit (psf @ 6/12 pitch)	\$0.26	0	\$0.00
	Enclosed Soffit (PLF of Soffit)	\$3.12	0	\$0.00
	Insulation Baffles (# of Trusses x 2)	\$2.20	0	\$0.00
	Wall (R-21)	\$0.00		\$0.00
	Wall (R-21) (Blown In Blanket)	\$0.36	0	\$0.00
	Floors over Unconditioned Space (R-38)	\$0.12	0	\$0.00
Doors and Windows				
	Glazing Limit (21% of heated Floor Area)	#DIV/0!		#DIV/0!
	Window U-value (U-0.32 max)(add "Super Spacer")	\$0.00	1	\$0.00
	Skylights (Code Compliant, 5% of Floor Space)			\$0.00
	Doors (R-5)			\$0.00
Ducts				
	Insulation (R-8)	\$0.00		\$0.00
	Sealing (mastic Paste)	\$500.00	1	\$500.00
	Max Leakage (6%)	\$0.00		\$0.00
	Return Air Provisions (rooms with 2 or more supplies require dedicated return air path, single supply rooms have undercuts or jumper ducts)			\$0.00
Ventilation and Air Sealing				
	Mechanical Ventilation Required	\$368.00	1	\$368.00
	Spot Ventilation (ES qualified or 2 one or less bath fans)			\$0.00
	Envelope Tightness (7.0 ACH @ 50Pa)	\$0.00		\$0.00
Heating and Cooling Equip.				
	Gas Furnace - 90% AFUE	\$684.00	1	\$684.00
	Heat Pump - 8.5 HSPF/SEER 13			\$0.00
	AC - SEER 13			\$0.00
	Combustion Appliance Zone (Test Required)			\$0.00
Water Heating				
	Natural Gas <=60 Gallon = .62 Eff	\$65.00	1	\$65.00



Natural Gas >60 Gallon = .62 Eff	\$85.00	0	\$0.00	
Electric <=70 Gallon = .93 Eff			\$0.00	
Electric >70 Gallon = .92 Eff			\$0.00	
Appliances and Lighting				
Dishwasher (Energy Star Qualified)	\$60.00	1	\$60.00	
Lighting - 75% of perm fixtures to be ES bulbs or ES Fixtures	\$150.00	1	\$150.00	
Misc.				
Application and Testing Fees	\$575.00	1	\$575.00	
Option #1 Cost			#DIV/0!	
Rebate			\$ (800.00)	
Net Cost			#DIV/0!	#DIV/0!
Option #2 (On-Demand Tankless Water Heater)				
Insulation				
Ceiling - Flat (R-38)	\$0.00	0	\$0.00	
Ceiling - Rafter Vault (R-30)	\$0.00	0	\$0.00	
Ceiling - Scissor Truss Vault(R-38)	\$0.24	0	\$0.00	
Energy Heel Trusses and Enclosed Soffit (psf @ 6/12 pitch)	\$0.26	0	\$0.00	
Enclosed Soffit (PLF of Soffit)	\$3.12	0	\$0.00	
Insulation Baffles (# of Trusses x 2)	\$2.20	0	\$0.00	
Wall (R-21)	\$0.00		\$0.00	
Wall (R-21) (Blown In Blanket)	\$0.36	0	\$0.00	
Floors over Unconditioned Space (R-30)	\$0.00	0	\$0.00	
Doors and Windows				
Glazing Limit (21% of heated Floor Area)	#DIV/0!		#DIV/0!	
Window U-value (U-0.35 max)	\$0.00	0	\$0.00	
Skylights (Code Compliant, 5% of Floor Space)			\$0.00	
Doors (R-5)			\$0.00	
Ducts				
Insulation (R-8)	\$0.00		\$0.00	
Sealing (mastic Paste)	\$500.00	1	\$500.00	
Max Leakage (6%)	\$0.00		\$0.00	
Return Air Provisions (rooms with 2 or more supplies require dedicated return air path, single supply rooms have undercuts or jumper ducts)			\$0.00	
Ventilation and Air Sealing				
Mechanical Venitlation Required	\$368.00	1	\$368.00	
Spot Ventilation (ES qualified or 2 sone or less bath fans)			\$0.00	
Envelope Tightness (7.0 ACH @ 50Pa)			\$0.00	
Heating and Cooling Equip.				
Gas Furnace - 90% AFUE	\$684.00	1	\$684.00	
Heat Pump - 8.5 HSPF/SEER 13			\$0.00	
AC - SEER 13			\$0.00	
Combustion Appliance Zone (Test Required)			\$0.00	
Water Heating				
Natural Gas = On Demand Hot Water Heater	\$1,500.00	1	\$1,500.00	
Electric = N/A			\$0.00	
Appliances and Lighting				
Dishwasher (Energy Star Qualified)	\$60.00	1	\$60.00	
Lighting - 75% of perm fixtures to be ES bulbs or ES Fixtures	\$150.00	1	\$150.00	
Misc.				
Application and Testing Fees	\$575.00		\$0.00	



Option #2 Cost			#DIV/0!	
Rebate			\$ (800.00)	
Net Cost			#DIV/0!	#DIV/0!
Option #3 (Wall Upgrade)				
Insulation				
Ceiling - Flat (R-49)	\$0.18	0	\$0.00	
Ceiling - Rafter Vault (R-30)		0	\$0.00	
Ceiling - Scissor Truss Vault(R-38)	\$0.24	0	\$0.00	
Energy Heel Trusses and Enclosed Soffit (psf @ 6/12 pitch)	\$0.26	0	\$0.00	
Enclosed Soffit (PLF of Soffit)	\$3.12	0	\$0.00	
Insulation Baffles (# of Trusses x 2)	\$2.20	0	\$0.00	
Wall (R-21) + R-3 Sheathing (psf of exterior wall)	\$0.41	0	\$0.00	
Floors over Unconditioned Space (R-30)	\$0.00	0	\$0.00	
Doors and Windows				
Glazing Limit (21% of heated Floor Area)	#DIV/0!		#DIV/0!	
Window U-value (U-0.32 max)	\$0.00	1	\$0.00	
Skylights (Code Compliant, 5% of Floor Space)			\$0.00	
Doors (R-5)			\$0.00	
Ducts				
Insulation (R-8)	\$0.00		\$0.00	
Sealing (mastic Paste)	\$500.00	1	\$500.00	
Max Leakage (6%)	\$0.00		\$0.00	
Return Air Provisions (rooms with 2 or more supplies require dedicated return air path, single supply rooms have undercuts or jumper ducts)			\$0.00	
Ventilation and Air Sealing				
Mechanical Venitlation Required	\$368.00	1	\$368.00	
Spot Ventilation (ES qualified or 2 sone or less bath fans)			\$0.00	
Envelope Tightness (7.0 ACH @ 50Pa)	\$0.00		\$0.00	
Heating and Cooling Equip.				
Gas Furnace - 90% AFUE	\$684.00	1	\$684.00	
Heat Pump - 8.5 HSPF/SEER 13			\$0.00	
AC - SEER 13			\$0.00	
Combustion Appliance Zone (Test Required)			\$0.00	
Water Heating				
Natural Gas <=60 Gallon = .62 Eff	\$65.00	1	\$65.00	
Natural Gas >60 Gallon = .62 Eff	\$85.00		\$0.00	
Electric <=70 Gallon = .93 Eff			\$0.00	
Electric >70 Gallon = .92 Eff			\$0.00	
Appliances and Lighting				
Dishwasher (Energy Star Qualified)	\$60.00	1	\$60.00	
Lighting - 75% of perm fixtures to be ES bulbs or ES Fixtures	\$150.00	1	\$150.00	
Misc.				
Application and Testing Fees	\$575.00	1	\$575.00	
Option #3 Cost			#DIV/0!	
Rebate			\$ (800.00)	
Net Cost			#DIV/0!	#DIV/0!
Option #4 (Ducts & HVAC Equipment Inside Home)				
Insulation				
Ceiling - Flat (R-38)	\$0.00	0	\$0.00	
Ceiling - Rafter Vault (R-30)			\$0.00	
Ceiling - Scissor Truss Vault(R-38)	\$0.24	0	\$0.00	



Energy Heel Trusses and Enclosed Soffit (psf @ 6/12 pitch)	\$0.26	0	\$0.00
Enclosed Soffit (PLF of Soffit)	\$3.12	0	\$0.00
Insulation Baffles (# of Trusses x 2)	\$2.20	0	\$0.00
Wall (R-21)	\$0.00		\$0.00
Wall (R-21) (Blown In Blanket)	\$0.36	0	\$0.00
Floors over Unconditioned Space (R-30)	\$0.00		\$0.00
Doors and Windows			
Glazing Limit (21% of heated Floor Area)			\$0.00
Window U-value (U-0.35 max)	\$0.00		\$0.00
Skylights (Code Compliant, 5% of Floor Space)			\$0.00
Doors (R-5)			\$0.00
Ducts			
Insulation (Exempt)	\$0.00		\$0.00
Sealing (mastic Paste)	\$500.00	0	\$0.00
Max Leakage (No Duct Testing Required)	\$0.00		\$0.00
Return Air Provisions (rooms with 2 or more supplies require dedicated return air path, single supply rooms have undercuts or jumper ducts)			\$0.00
Ventilation and Air Sealing			
Mechanical Ventilation Required	\$368.00	1	\$368.00
Spot Ventilation (ES qualified or 2 one or less bath fans)			\$0.00
Envelope Tightness (7.0 ACH @ 50Pa)			\$0.00
Heating and Cooling Equip.			
Gas Furnace - 90% AFUE (Quiet, Variable speed)	\$1,500.00	1	\$1,500.00
9' Ceiling Option, Plus Soffits, Material, Additional Labor	\$3.25	0	\$0.00
Heat Pump - 8.5 HSPF/SEER 13			\$0.00
AC - SEER 13			\$0.00
Combustion Appliance Zone (Test Required)			\$0.00
Water Heating			
Natural Gas <=60 Gallon = .62 Eff	\$65.00	1	\$65.00
Natural Gas >60 Gallon = .62 Eff	\$85.00		\$0.00
Electric <=70 Gallon = .93 Eff			\$0.00
Electric >70 Gallon = .92 Eff			\$0.00
Appliances and Lighting			
Dishwasher (Energy Star Qualified)	\$60.00	1	\$60.00
Lighting - 75% of perm fixtures to be ES bulbs or ES Fixtures	\$150.00	1	\$150.00
Misc.			
Application and Testing Fees	\$575.00	1	\$575.00
Option #4 Cost			\$2,718.00
Rebate			\$ (800.00)
Net Cost			\$1,918.00

\$1.06