

**ECONOMIC SUMMARY**

Date:	October 04, 2007	Rating No.:	XYZ-22233
Building Name:		Rating Org.:	L.A. Raters
Owner's Name:	I.M. Smith	Phone No.:	303 222 1111
Property:	2342 Maybee Ave.	Rater's Name:	H.I. Scorer
Address:	Denver, CO 80333	Rater's No.:	303 333 2222
Builder's Name:	WeeBeeGood Builders		
Weather Site:	Denver, CO	Rating Type:	Based on plans
File Name:	exampleimproved.blg	Rating Date:	4/12/95

Use the Economic Summary to determine the cost effectiveness of weatherization measures based on life-cycle cost analysis.

**Simple Payback (yrs):**

6 ← The Economic Summary shows the simple payback,

**First Year Savings (\$):**

Heating	371
Cooling	25
Water Heating	104
Lights & Appliances	0
Photovoltaics	124
Service Charges	0
<b>Total</b>	<b>624</b>

**Assumptions:**

Improvement Cost (\$)	\$ 4000
Interest Rate (%)	7.0
Loan Term (yrs)	30

First Year Cost  
Net Saving

322  
302 ← first year cost and net savings,

**Present Value of Savings (\$):**

Heating	9062
Cooling	606
Water	2554
Lights & Appliances	0
Photovoltaics	124
Service Charges	0
<b>Total</b>	<b>15265</b>

**Assumptions:**

Improvement Cost (\$)	\$ 4000
Discount Rate (%)	3.4
Fuel Escalation Rate (%)	2.0
Improvement Life (yrs)	30

Improvement Cost  
Net Savings

4000  
11265 ← and the improvement cost and net value of savings.

**Differences**

	<span style="border: 1px solid blue; padding: 2px;">Compare the standard and improved buildings here.</span>	
<b>From</b>	←	→ <b>To</b>
example		exampleimproved
Ceiling w/Attic	R-30 Blown, Attic U=0.034	R-50 Blown, Attic U=0.020
Frame Walls	R-11 U=0.104	R-22, R-10 Cont. U=0.036
Foundation Walls (Cond)	R-11 Draped, Full R=11.0	R-19 Draped, Full R=19.0

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ECONOMIC SUMMARY

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example.blg

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Doors	1-3/4 Wd solid core U=0.329	Steel-urth w/brk U=0.187
Windows	Double - Wood U=0.490	DbI/LoE/Arg - Vinyl U=0.330
Slab Floors	Uninsulated U=0.365	R-7 Perimeter U=0.103
Mechanical Equipment List	Heating: Fuel-fired air distribution, 48.0 kBtuh, 80.0 AFUE. Cooling: Air conditioner, 36.0 kBtuh, 12.0 SEER.	Cooling: Air conditioner, 36.0 kBtuh, 14.0 SEER. Integrated Htg/DHW: Total cap 135.0 kBtuh. Htg eff 0.90 CAafue. DHW eff 0.85 CAef.
	Water Heating: Conventional, Gas, 0.56 EF.	
Infiltration	Htg: 0.60 Clg: 0.60 ACHnat	Htg: 0.50 Clg: 0.50 ACHnat
Infiltr. Measure	Blower door test	Blower door test
Active Solar	None	DHW & space heating
Photovoltaics	None	Cadmium Telluride