

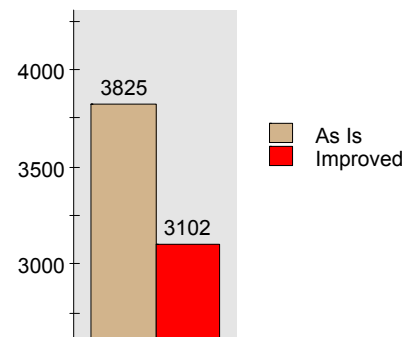
IMPROVEMENT ANALYSIS REPORT

Building Name:	Knew Jay	Date:	March 13, 2009
Owner's Name:		Builder's Name:	Ezell-Morgan Construction, Inc
Property Address:	1111 Douglas Drive Lawrence, KS 66049	Weather Site:	Topeka, KS
		File Name:	New House.blg

Energy Costs (\$/yr)

End-Use	As Is	With All Improvements	Savings
Heating	1790	1333	457
Cooling	358	293	65
Hot Water	434	434	0
Lights and Appliances	959	758	201
Photovoltaics	-0	-0	0
Service Charge	288	288	0
TOTAL	3828	3106	723

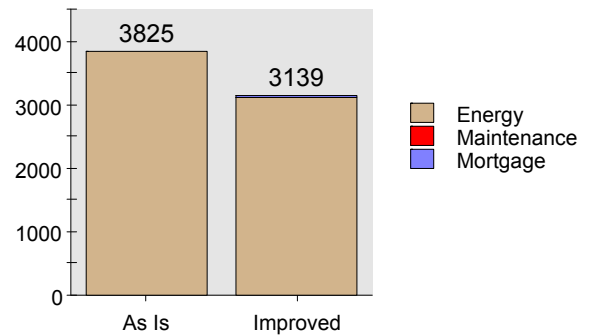
Total Costs (\$/yr)



Information For Lenders and Appraisers

Installed Cost of Improvements (\$)	516
Cost Weighted Life of Measure (Years)	37
Mortgage Term (Years)	30
Discount/Mortgage Rate (%)	6.000
Present Value Factor	14.7
Expected Annual Energy Savings (\$)	723
Expected Annual Maintenance Costs (\$)	0
Expected Annual Savings (\$)	723
Increased Annual Mortgage Costs (\$)	37
Present Value of Savings (\$)	10615
Expected Annual Cash Flow (\$)	685

Cost Comparison (\$/yr)



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Recommended Improvements

Measure Costs	Life	Cost	Yr Savings	SIR	PV	SP
1: Switch to Cellulose	30	0	36	99999.9	497	0.00
2: Duct Trough*	30	0	0	99999.9	0	99999.90
3: Change to 13W CFLs	27	-570	106	99999.9	1974	0.00
4: Change cans to 14W CFLs	22	-560	23	99999.9	837	0.00
5: Change to 13W CFLs	27	-11	40	99999.9	538	0.00
6: Add R-9 polyiso. 4 ft*	30	301	170	7.8	2045	1.77
7: 80% -> 92% furnace*	30	670	216	4.4	2303	3.10
8: Add R-2.5 boxing*	30	122	26	2.9	229	4.77
9: Standard-->LoE/Argon	25	210	40	2.4	299	5.27
10: Standard-->LoE/Argon	25	322	61	2.4	458	5.28
11: Standard-->LoE/Argon	25	32	5	1.8	26	7.08

Criteria

Ranking Criteria: SIR	Maximum \$ Limit: No Limit
Cutoff: 0	Measures: Interactive