

IMPROVEMENT ANALYSIS REPORT

Building Name: Knew Jay

Date: October 26, 2007

Owner's Name:

Builder's Name: Ezell-Morgan Construction, Inc

Property 1111 Douglas Drive

Weather Site: Topeka, KS

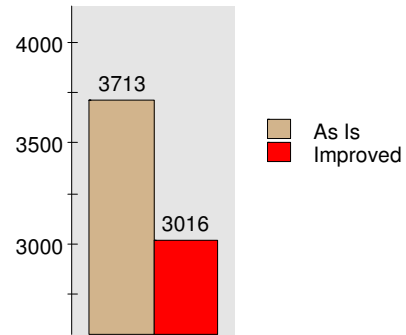
Address: Lawrence, KS 66049

File Name: New House.blg

Energy Costs (\$/yr)

End-Use	As Is	With All Improvements	Savings
Heating	1744	1299	445
Cooling	346	287	59
Hot Water	424	424	0
Lights and Appliances	919	726	193
Photovoltaics	-0	-0	0
Service Charge	282	282	0
TOTAL	3715	3018	697

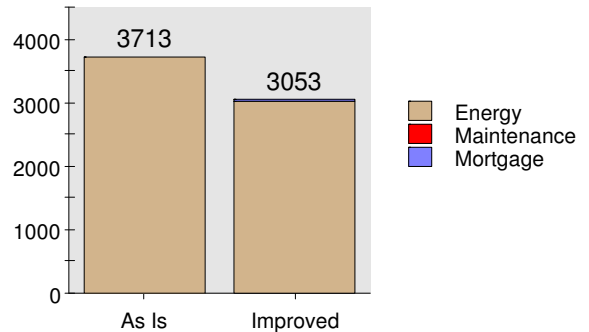
Total Costs (\$/yr)



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 (\$)	697
Expected Annual Maintenance Costs (\$)	0
Expected Annual Savings (\$)	697
Increased Annual Mortgage Costs (\$)	37
Present Value of Savings (\$)	10241
Expected Annual Cash Flow (\$)	660

Cost Comparison (\$/yr)



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Recommended Improvements

Measure Costs	Life	Cost	Yr Savings	SIR	PV	SP
1: Switch to Cellulose	30	0	35	99999.9	478	0.00
2: Standard-->LoE/Argon	25	0	0	99999.9	0	99999.90
3: Duct Trough	30	0	0	99999.9	0	99999.90
4: Change to 13W CFLs	27	-570	101	99999.9	1901	0.00
5: Change cans to 14W CFLs	22	-560	22	99999.9	823	0.00
6: Change to 13W CFLs	27	-11	38	99999.9	516	0.00
7: Add R-9 polyiso. 4 ft	30	301	166	7.6	1979	1.82
8: 80% -> 92% furnace	30	670	210	4.3	2227	3.18
9: Add R-2.5 boxing	30	122	25	2.8	216	4.96
10: Standard-->LoE/Argon	25	322	58	2.3	425	5.51
11: Standard-->LoE/Argon	25	210	38	2.3	278	5.50
12: Standard-->LoE/Argon	25	32	4	1.7	24	7.35

Criteria

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