

IMPROVEMENT ANALYSIS REPORT

Date: April 05, 2007

Rating No.:

Building Name:

Rating Org.: Cornerstone Energy

Owner's Name:

Phone No.: 614-351-1439

Property: Sample

Rater's Name: Ember Bosart

Address: Columbus, OH

Rater's No.: 08-01

Builder's Name:

Weather Site: Columbus, OH

Rating Type: Confirmed Rating

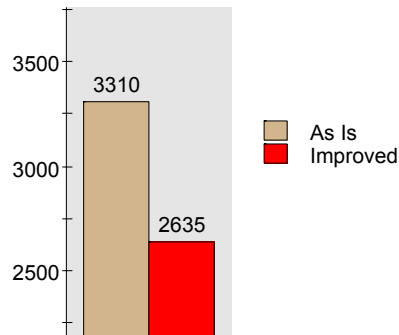
File Name: 5528 Echo Rd..blg

Rating Date: 2-13-07

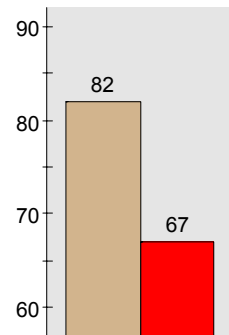
Energy Costs (\$/yr)

End-Use	As Is	With All Improvements	Savings
Heating	1807	1181	626
Cooling	290	212	78
Hot Water	361	361	-0
Lights and Appliances	742	772	-29
Photovoltaics	-0	-0	0
Service Charge	111	111	0
TOTAL	3311	2636	675

Total Costs (\$/yr)



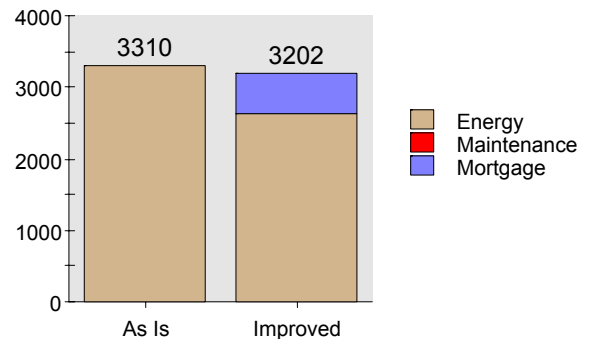
HERS Index



Information For Lenders and Appraisers

Installed Cost of Improvements (\$)	6700
Cost Weighted Life of Measure (Years)	21
Mortgage Term (Years)	30
Discount/Mortgage Rate (%)	7.500
Present Value Factor	10.4
Expected Annual Energy Savings (\$)	675
Expected Annual Maintenance Costs (\$)	0
Expected Annual Savings (\$)	675
Increased Annual Mortgage Costs (\$)	567
Present Value of Savings (\$)	7013
Expected Annual Cash Flow (\$)	108

Cost Comparison (\$/yr)



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Recommended Improvements

Component	Life	Cost	Yr Savings	SIR	PV	SP	Index
1. Infiltration: Existing: 2461-3691/2461-3691 CFM50 Proposed: 1100.0/1100.0 As Specified Measure: Infiltration Reduction @ \$500	30	500	276	6.5	2754	1.81	80
2. Leakage 1: Basement Existing: Tot 80-120 CFM50 Proposed: Tot 50 As Specified Measure: Duct Leakage reduction	30	100	51	6.0	499	1.97	79
3. Thermostat: Existing: FALSE/FALSE Proposed: TRUE/TRUE Measure: Upgrade Thermostat	20	100	30	3.1	209	3.30	78
4. Equip 1: HEAT: Existing: NG Furn 60K 80 AFUE Proposed: NG Furn AnyK 94.1AFU Measure: Increase efficiency	20	3500	241	0.7	-1039	14.50	70
5. Equip 2: COOL: Existing: AC AnyTon, 10 SEER Proposed: AC AnyTon, 14 SEER Measure: Increase Efficiency Cooling	20	2500	77	0.3	-1716	32.52	67

Criteria

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

Rejected Measures: None

The home's energy efficiency is rated using the HERS Index as defined in the RESNET "Mortgage Industry National Home Energy Rating Systems Accreditation Standards," 2006. An Index of 100 represents a home that meets current energy codes. A lower Index indicates the home uses less energy than a code home, a higher Index indicates the home uses more energy than a code home. The rating considers all energy use in the home. The rating should be used only for comparison, since it assumes average climate and thermostat settings, quantities of hot water, and internal loads for a typical household. Energy costs are based on local energy prices at the time of rating. If energy efficiency improvements are made to the home, or energy prices change significantly, the rating and annual energy costs may change. Although every effort has been made to provide accurate information, this rating does not constitute a warranty, expressed or implied, about the energy efficiency or operating costs of the house. Estimated savings are calculated assuming that the improvements are implemented in the order listed, and in accordance with all local codes and standards. The cost estimates for improvements are established by the local HERS provider.