

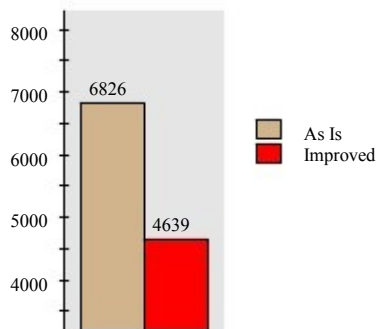
## IMPROVEMENT ANALYSIS REPORT

Date:	June 15, 2011	Rating No.:	11
Building Name:	██████	Rating Org.:	Easy Energy USA
Owner's Name:	██████████	Phone No.:	570.409.4111
Property:	██████████████	Rater's Name:	Jesse Mueller
Address:	██████████████	Rater's No.:	HEG-EE-102
Builder's Name:			
Weather Site:	Harrisburg, PA	Rating Type:	Confirmed Rating
File Name:	██████████	Rating Date:	6/7/11

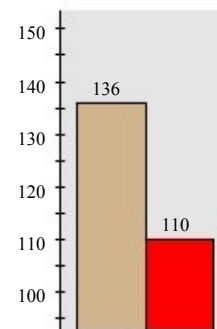
Energy Costs (\$/yr)

End-Use	As Is	With All Improvements	Savings
Heating	2949	2239	710
Cooling	452	325	127
Hot Water	458	404	55
Lights and Appliances	2907	1612	1295
Photovoltaics	-0	-0	0
Service Charge	60	60	0
<b>TOTAL</b>	<b>6827</b>	<b>4641</b>	<b>2187</b>

Total Costs (\$/yr)



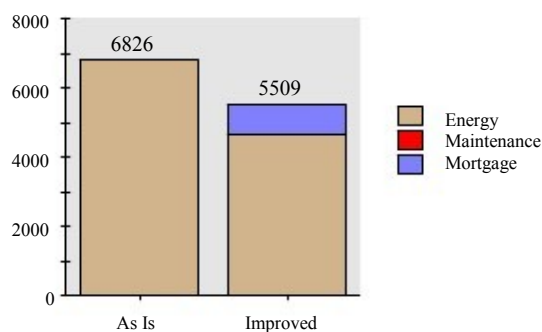
HERS Index



### Information For Lenders and Appraisers

Installed Cost of Improvements (\$)	13377
Cost Weighted Life of Measure (Years)	30
Mortgage Term (Years)	30
Discount/Mortgage Rate (%)	5.000
Present Value Factor	15.4
Expected Annual Energy Savings (\$)	2187
Expected Annual Maintenance Costs (\$)	0
Expected Annual Savings (\$)	2187
Increased Annual Mortgage Costs (\$)	870
Present Value of Savings (\$)	33613
Expected Annual Cash Flow (\$)	1316

Cost Comparison (\$/yr)



IMPROVEMENT ANALYSIS REPORT

Recommended Improvements

Component	Life	Cost	Yr Savings	SP	SIR	PV	Index
Group:	30	13377	2187	6.12	2.5	20236	110
1. Ceiling 1: Main Attic	30	2328					
Existing: R-11****0****							
Proposed: R-50 Blown, Attic***0****							
Measure: Attic Insulation Blown 14"							
2. Ceiling 3: Kneewall Attics	30	287					
Existing: R-18KW***0****							
Proposed: R-50 Blown, Attic***0****							
Measure: Attic Insulation Blown 14"							
3. Ceiling 2: Attic hatch	30	100					
Existing: R-0****							
Proposed: r-21 hatch****							
Measure:							
4. Frame Flr 1: Bonus Room	30	1104					
Existing: R-18 FF***0****							
Proposed: R-35FF***0****							
Measure: dense pack insulation netted							
5. Rim/Band 1: 1st Floor	30	357					
Existing: R-1.0 / R-0.0							
Proposed: R-1.0 / R-30.0							
Measure: Spray Foam & FBglass Pillow							
6. Duct Ins13:	30	1575					
Existing: R-4.0							
Proposed: R-11.0							
Measure: Insulation Duct							
7. Infiltration:	30	3784					
Existing: 7.20-10.80/7.20-10.80 ACH50							
Proposed: 5.70/5.70 As Specified							
Measure:							
8. Leakage 2: Attic	30	1575					
Existing: Tot 260-390 CFM25							
Proposed: Tot 162 As Specified							
Measure: Reduce CFM rate							
9. Equip 3: DHW:	30	0					
Existing: 82g 0.81ef Elec****0****							
Proposed: None							
Measure:							
10. Lights and Appliances: Light Fixture(s)	30	1974					
Existing: 4596.2-5617.6 kWh/use							

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Component	Life	Cost	Yr Savings	SP	SIR	PV	Index
Proposed: 2500.0 kWh/use							
Measure: Lighting and Travel							
11. Lights and Appliances: Plug Load(s)	30	293					
Existing: 8325.0-9999.9 kWh/use							
Proposed: 0.0 kWh/use							
Measure:							
End Group							

Criteria

Ranking Criteria: Simple Payback	Maximum \$ Limit: No Limit
Cutoff: 999	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.