



Eco-\$mart, Inc.  
 (888) 329-2705  
[www.eco-smart.com](http://www.eco-smart.com)  
[info@eco-smart.com](mailto:info@eco-smart.com)

## Cost - Benefit / Cash Flow Analysis: Eco-\$mart 6 Key Systems Home (Sample Home)



Home Size (square feet under air)

2500

**Standard  
Home**

**Eco-\$mart  
Home**

Eco-\$mart Features / Additional Costs

E-Wall Poured Solid Concrete or SIP Wall*	No	<b>\$6,500</b>
Biobased Soy Foam, HPRS or SIP Roof*	No	<b>\$4,875</b>
Passive Solar Water Heater (after Federal tax credit)	No	<b>\$3,250</b>
Water-Cooled A/C	No	<b>\$2,600</b>
Energy Star Low-E and/or Impact Windows	No	<b>\$4,550</b>
Brac Greywater System	No	<b>\$3,900</b>
Sale Price	\$375,000.00	<b>\$400,675.00</b>
Mortgage (@ 7.0%)	\$2,494.88	<b>\$2,665.70</b>
Utility Bills (60% Lower Electric, 30% Lower Water)	\$416.67	<b>\$166.67</b>
Insurance Savings	\$0.00	<b>-\$50.00</b>
Tax Benefit (Mortgage Pmt is Tax Deductible)	\$0.00	<b>-\$51.24</b>
Non-Combustible	No	<b>Yes</b>
No Mold and Mildew	No	<b>Yes</b>
Disaster Resistant - Hurricanes, Fires	No	<b>Yes</b>
Healthy Indoor Air Quality	No	<b>Yes</b>
Pest Resistant	No	<b>Yes</b>
Low Noise Transmission	No	<b>Yes</b>
Increased Resale Value**	No	<b>Yes</b>
Additional Interior Usable Footage (SF)	No	<b>Yes</b>
Monthly Out-of-Pocket	\$2,911.55	<b>\$2,731.12</b>

Total Add. Const.Cost

\$25,675.00

% Additional Cost

6.85%

\$62,190

46

**Savings, from Day One >>>>>>>>>>**

**\$180.43**

per month

**MORE HOME FOR LESS MONEY!**

\*SIP Wall and Roof can cost the same or less than conventional construction.

\*\* According to the National Association of Appraisers, studies of resale prices of homes over the past 15 years have allowed them to attach an increased value to efficient homes. The value is calculated by taking one year's energy savings (as certified by a state licensed energy rater, part of the national program) and multiplying the savings by \$ 20.73.

## Annual Pollution Reduction from choosing Eco-\$mart Home

<u>Type of Pollution</u>	<u>Standard Home</u>	<u>Eco-\$mart Home</u>	<u>Annual Pollution Reduction</u>
Pounds of Greenhouse Gases (CO2)	91,379.17	36,551.67	54,827.50
Pounds of Sulfur Dioxide (SO2)	22,083.33	8,833.33	13,250.00
Pounds of Nitrogen Oxides (NOx)	218.75	87.50	131.25
Milligrams Mercury (HG)	295.83	118.33	177.50
Pounds of Carbon Monoxide (CO)	14.58	5.83	8.75
Pounds of Volatile Organic Compounds (VOC)	2.08	0.83	1.25
Pounds of Particulates (PM 10)	4.17	1.67	2.50

Emissions from electrical generation are based on Florida's fuel types used at power plants: [www.cleanerandgreener.org](http://www.cleanerandgreener.org)

