



SUMMARY OF COMBINED SOLAR WATER AND PHOTOVOLTAIC ELECTRICAL SYSTEMS (RESIDENTIAL)

	Thermal Solar Hot Water System	Photovoltaic System	TOTALS
Initial Cost to Customer	\$ 5,200.00	\$ 37,324.80	\$ 42,524.80
Total Incentives Available for 2008	\$ 2,128.72	\$ 25,505.44	\$ 27,634.16
Net Cost to Customer	\$ 3,071.29	\$ 11,819.36	\$ 14,890.65
Money Saved per Year	\$ 377.20	\$ 1,174.65	\$ 1,551.85
Money Earned per Year (RECs/Green Tags)	\$ 0.31	\$ -	\$ 0.31
Total Saved & Earned per Year	\$ 377.51	\$ 1,174.65	\$ 1,552.16
10 Year Money Savings (with inflation factor)	\$ 4,318.63	\$ 13,466.04	\$ 17,784.67
20 Year Money Savings (with inflation factor)	\$ 10,109.54	\$ 31,563.26	\$ 41,672.80
30 Year Money Savings (with inflation factor)	\$ 17,879.06	\$ 55,884.42	\$ 73,763.49
25 Year Tons of Coal Saved	47	148	195
25 Year Tons CO2 Emissions Saved	73	231	304
Years to "Payback" (at current rates)	8.1	10.1	9.6
ROI per year at current electrical rates	12%	10%	10%
ROI plus increased equity of home (Present Value)	40%	-9%	-12%
Interest Rate of Loan (% APR)	8.0%	5.0%	5.0%
Term of Loan (years)	10	25	25
Monthly Savings and/or income from Solar	\$ 31.46	\$ 97.89	\$ 129.35
Monthly Loan Payment (if financed)	\$ (37.26)	\$ (69.09)	\$ (106.35)
Monthly Cash flow (at first month)	\$ (5.80)	\$ 28.80	\$ 23.00

Please Note: All numbers are estimates and are not guaranteed.

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