

Cash flow analysis for a 3 kilowatt residential PV system

System size	kW DC	3
Energy generated	kWhr/yr	2979
System cost	installed	\$26,500
Tax Credit		\$2,000
Net Cost		<u>\$24,500</u>

Year	Savings electricity not purchased*	2979*.15 Savings-WA State Annual Prod Credit	2979*.05 Savings Green Tags	Total annual energy savings	Value added to property**	Total savings including added property value
1	\$286	\$447	\$149	\$882	\$18,517	\$19,399
2	\$306	\$447	\$149	\$902	\$18,942	\$19,844
3	\$327	\$447	\$149	\$923	\$19,392	\$20,315
4	\$350	\$447	\$149	\$946	\$19,873	\$20,820
5	\$375	\$447	\$149	\$971	\$20,388	\$21,359
6	\$401	\$447	\$149	\$997	\$20,939	\$21,936
7	\$429	\$447	\$149	\$1,025	\$21,529	\$22,554
7 Year Total	\$2,475	\$3,129	\$894	\$6,647		\$22,554

Solar System	S&P 500 Stocks last 5 years	Money Market last 5 years
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Annual Return on Investment 13.2% 7.4% 3.2%

* assumes 7% annual increase in electrical rates
 **\$21 per \$1 in annual energy savings
 See article from Appraisal Journal on our website www.westernsolarinc.com