

Cash flow analysis for a 3 kilowatt residential PV system

System size	kW DC		3
Energy generated	kWhr/yr		3076
System cost	installed		\$28,500
Tax Credit			\$8,550
	Net Cost		\$19,950

Year	Savings electricity not purchased*	2979*.15 Savings-WA State Annual Prod Credit	Total annual energy savings	Value added to property**	Total savings including added property value
1	\$295	\$461	\$757	\$15,891	\$16,647
2	\$316	\$447	\$763	\$16,022	\$16,785
3	\$338	\$447	\$785	\$16,487	\$17,272
4	\$362	\$447	\$809	\$16,984	\$17,793
5	\$387	\$447	\$834	\$17,516	\$18,350
6	\$414	\$447	\$861	\$18,085	\$18,946
7	\$443	\$447	\$890	\$18,693	\$19,584
7 Year Total	\$2,555	\$3,143	\$5,699		\$19,584

	Solar System	Money Market last 5 years
Annual Return on Investment	14.0%	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