

# Money Matters



Authorized  Dealer

## Does Solar Grid-Tie Make Cents?

Let's take a look:

- 1) Cost of a 10kW Solar Grid-Tie System  
(Including materials, labor & permit) **\$22,600**
- 2) First year electrical production **\*13900kWh**  
\* (data from a 10kw system in the Okanagan)
- 3) Net Metering Savings after one  
year (A blended rate at 11cents/kwh) **\*\$1,529**
- 4) First Year cost of financing a  
solar system on a 25 year  
mortgage (3.29%) **-\$1,320**

**Cash Positive: \$209**

\* First year electrical production and net metering savings are based on actual data collected from solar installations in the Okanagan.

- Each year your return will increase by 5% due to electrical rate increases.
- Solar Panels are warranted for 25 years
- Return on investment over the 25 year term of 3 to 4 times the original cost.

*“Borrowing money for an investment in Solar Grid-Tie can be cash positive in year one.”*

The combination of rising electrical rates and falling solar product costs has created the perfect storm for a wise investment in clean energy.

It is projected that electrical rates in British Columbia will increase annually at a rate of 5%. So besides reducing or eliminating your electrical bill, where else can you get a 5% return annually on a working investment?

*Studies have shown that home values increase by at least the original capital cost of the solar system.*

Year	System Cost	kWh produced annually	Paid per kWh	Inflation	Revenue per Year	Revenue total cumulative
	\$ (22,600.00)		0.11	5.00%		
1	\$ (20,994.55)	13900.00	0.1155		\$1,605.45	\$1,605.45
2	\$ (19,317.26)	13830.50	0.1213		\$1,677.29	\$3,282.74
3	\$ (17,564.90)	13761.35	0.1273		\$1,752.35	\$5,035.10
4	\$ (15,734.13)	13692.54	0.1337		\$1,830.77	\$6,865.87
5	\$ (13,821.44)	13624.08	0.1404		\$1,912.70	\$8,778.56
6	\$ (11,823.14)	13555.96	0.1474		\$1,998.29	\$10,776.86
7	\$ (9,735.43)	13488.18	0.1548		\$2,087.71	\$12,864.57
8	\$ (7,554.29)	13420.74	0.1625		\$2,181.14	\$15,045.71
9	\$ (5,275.55)	13353.63	0.1706		\$2,278.75	\$17,324.45
10	\$ (2,894.83)	13286.87	0.1792		\$2,380.72	\$19,705.17
11	\$ (407.57)	13220.43	0.1881		\$2,487.26	\$22,192.43
12	\$ 2,190.99	13154.33	0.1975		\$2,598.56	\$24,790.99
13	\$ 4,905.84	13088.56	0.2074		\$2,714.85	\$27,505.84
14	\$ 7,742.18	13023.11	0.2178		\$2,836.34	\$30,342.18
15	\$ 10,705.44	12958.00	0.2287		\$2,963.26	\$33,305.44
16	\$ 13,801.31	12893.21	0.2401		\$3,095.87	\$36,401.31
17	\$ 17,035.71	12828.74	0.2521		\$3,234.41	\$39,635.71
18	\$ 20,414.86	12764.60	0.2647		\$3,379.15	\$43,014.86
19	\$ 23,945.23	12700.78	0.2780		\$3,530.37	\$46,545.23
20	\$ 27,633.58	12637.27	0.2919		\$3,688.35	\$50,233.58
21	\$ 31,486.98	12574.09	0.3065		\$3,853.40	\$54,086.98
22	\$ 35,512.82	12511.22	0.3218		\$4,025.84	\$58,112.82
23	\$ 39,718.82	12448.66	0.3379		\$4,206.00	\$62,318.82
24	\$ 44,113.04	12386.42	0.3548		\$4,394.22	\$66,713.04
25	\$ 48,703.90	12324.48	0.3725		\$4,590.86	\$71,303.90

