

Project Cashflow

**Springfield, Town of - Police Department - Led lighting
6000-G185**

<u>Project Costs</u>	<u>Investment Performance</u>
Total Project Cost: \$ 11,925	<u>Internal Rate of Return:</u>
EVT Incentive: \$ (3,540)	Project Without Incentives: 22%
Other Incentive: \$ -	Project With Incentives: 33%
Net Project Cost: \$ 8,385	<u>Payback Period (Years):</u>
Amount Financed: \$ -	Project Without Incentives: 4.2
Initial Customer Investment: \$ 8,385	Project With Incentives: 3.0
	<u>Average Monthly Expenses:</u>
	First Year Average Monthly Savings: \$ 216
	First Year Average Monthly Payments: \$ -
	<u>Annual Electricity Savings</u>
	Energy (kWh): 20,017

Year	Net Operation & Maintenance Savings (Costs)	Annual Electric Savings (Costs)	Annual Fuel Savings (Costs)	Water savings (Costs)	Annual Payments (Principal & Interest)	Net Annual Cashflow	Net Cumulative Cashflow
0						\$ (8,385)	\$ (8,385)
1	\$ -	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,593	\$ (5,791)
2	\$ 374	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,968	\$ (2,824)
3	\$ 252	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,845	\$ 21
4	\$ 374	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,968	\$ 2,989
5	\$ 452	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 3,045	\$ 6,035
6	\$ (284)	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,310	\$ 8,344
7	\$ 514	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 3,108	\$ 11,452
8	\$ (280)	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,313	\$ 13,765
9	\$ 7	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,600	\$ 16,365
10	\$ 350	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,943	\$ 19,308
11	\$ 626	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 3,219	\$ 22,528
12	\$ (725)	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 1,868	\$ 24,396
13	\$ 501	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 3,094	\$ 27,490
14	\$ 966	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 3,560	\$ 31,050
15	\$ -	\$ 2,804	\$ (211)	\$ -	\$ -	\$ 2,593	\$ 33,643

1. This cash flow analysis assumes no inflation.
2. Numerical values projected in this analysis are estimates only. They are based on the professional judgment of Efficiency Vermont using information available about conditions prevailing when the analysis was performed. Efficiency Vermont makes no guarantee that these estimated outcomes will actually materialize.
3. Calculation of Internal Rate of Return (IRR) implicitly assumes that all interim cash flows are reinvested over the lifetime of the investment.
4. This cash flow analysis does not reflect tax consequences of the proposed investment. Consult your tax advisor for information on how this recommended project and financing method would affect your financial position for tax purposes.
5. First year cost savings may be lower than projected if the customer is subject to electric utility demand charges with "ratchets" that set current billing demand based on demand recorded over the preceding twelve months.