



Elizabeth Ellman <eellman@bexley.org>

Bexley RFQ submission from National Energy Control (NEC)

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 To: Elizabeth Ellman <eellman@bexley.org>

Mon, Nov 17, 2025 at 11:27 AM

We noticed on the Addendum A "Projected Cost Savings" was negative and the formula may have been wrong. I have attached an excel spreadsheet to detail the savings based off the system size on the RFQ as well as all incentives/grants received. This is just a better visual for the City to see.. Thank you!

See the attached.

Bexley Police Department Purchase Return On Investment - 56 KW Solar													
Project Total	Solar Renewable Energy Credits (SREC)			Solar Benefits			Tax Benefits		Total	Payback / Return On Investment			
	SRECs (1 per 1000 kWh Generated)	SREC Value	SREC Stream	Solar Power Generated (kWh)	Utility Rate (kWh Cost only)	Utility Offset	Investment	Tax Credit (ITC, 30%)	Accelerated Depreciation	Savings / Benefit	Return	Payback %	Cumulative Savings
\$141,120													
Year 1	73	\$ 25	\$ 1,825	73,019	\$ 0.0909	\$ 6,637	\$ 42,336			\$ 50,798	\$ (90,322)	36%	\$ 50,798
Year 2	72	\$ 25	\$ 1,800	72,654	\$ 0.0945	\$ 6,868				\$ 8,668	\$ (81,653)	42%	\$ 59,467
Year 3	72	\$ 25	\$ 1,800	72,291	\$ 0.0983	\$ 7,107				\$ 8,907	\$ (72,746)	48%	\$ 68,374
Year 4	71	\$ 25	\$ 1,775	71,929	\$ 0.1023	\$ 7,355				\$ 9,130	\$ (63,616)	55%	\$ 77,504
Year 5	71	\$ 25	\$ 1,775	71,570	\$ 0.1063	\$ 7,611				\$ 9,386	\$ (54,230)	62%	\$ 86,890
Year 6	71	\$ 25	\$ 1,775	71,212	\$ 0.1106	\$ 7,876				\$ 9,651	\$ (44,580)	68%	\$ 96,540
Year 7	70	\$ 25	\$ 1,750	70,856	\$ 0.1150	\$ 8,150				\$ 9,900	\$ (34,680)	75%	\$ 106,440
Year 8	70	\$ 25	\$ 1,750	70,501	\$ 0.1196	\$ 8,433				\$ 10,183	\$ (24,497)	83%	\$ 116,623
Year 9	70	\$ 25	\$ 1,750	70,149	\$ 0.1244	\$ 8,727				\$ 10,477	\$ (14,020)	90%	\$ 127,100
Year 10	69	\$ 25	\$ 1,725	69,798	\$ 0.1294	\$ 9,030				\$ 10,755	\$ (3,265)	98%	\$ 137,855
Year 11				69,449	\$ 0.1346	\$ 9,345				\$ 9,345	\$ 6,080	104%	\$ 147,200
Year 12				69,102	\$ 0.1399	\$ 9,670				\$ 9,670	\$ 15,750	111%	\$ 156,870
Year 13				68,756	\$ 0.1455	\$ 10,006				\$ 10,006	\$ 25,756	118%	\$ 166,876
Year 14				68,413	\$ 0.1514	\$ 10,355				\$ 10,355	\$ 36,111	126%	\$ 177,231
Year 15				68,071	\$ 0.1574	\$ 10,715				\$ 10,715	\$ 46,826	133%	\$ 187,946
Year 16				67,730	\$ 0.1637	\$ 11,088				\$ 11,088	\$ 57,914	141%	\$ 199,034
Year 17				67,392	\$ 0.1703	\$ 11,474				\$ 11,474	\$ 69,387	149%	\$ 210,507
Year 18				67,055	\$ 0.1771	\$ 11,873				\$ 11,873	\$ 81,260	158%	\$ 222,380
Year 19				66,719	\$ 0.1841	\$ 12,286				\$ 12,286	\$ 93,546	166%	\$ 234,666
Year 20				66,386	\$ 0.1915	\$ 12,714				\$ 12,714	\$ 106,260	175%	\$ 247,380
Year 21				66,054	\$ 0.1992	\$ 13,156				\$ 13,156	\$ 119,416	185%	\$ 260,536
Year 22				65,723	\$ 0.2071	\$ 13,614				\$ 13,614	\$ 133,030	194%	\$ 274,150
Year 23				65,395	\$ 0.2154	\$ 14,088				\$ 14,088	\$ 147,118	204%	\$ 288,238
Year 24				65,068	\$ 0.2240	\$ 14,578				\$ 14,578	\$ 161,696	215%	\$ 302,816
Year 25				64,743	\$ 0.2330	\$ 15,085				\$ 15,085	\$ 176,781	225%	\$ 317,901
Totals				\$ 17,725	1,720,032		\$ 257,840	\$ 42,336	\$ -	\$ 317,901	\$ 176,781		\$ 317,901

Thanks,
 Josh Davis
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