



Milton can lower its annual \$30,000 electric bill by another \$10,000!

NhSolarGarden, in partnership with Stellar Energy, is pleased to provide this project summary for up to a 610 kW Community Solar Garden that can power the School's electrical usage by utilizing the old town ballfield site. This solar array will produce an estimated 760,000 kWhs, of which a portion can be allocated to the School and the rest to the Milton community under the newly passed Group Net Metering (GNM) law...aka "Community Solar". This summary outlines the economic value of the Solar Land Lease, PILOT & "PPA" Energy agreement to create additional long term stable energy rates. Milton has the opportunity to increase the revenue to the town with this new solar project and ZERO out their town electric bill when the land leases & PILOTs are included in the total savings to the town. In addition, we have included some key industry indicators regarding the current state of power in NH.

Land Lease Rates:

- \$7,900 a year for Community Solar array
- 20 year lease, with (2) 5 year extensions
- \$237,000 in new income to town

Tax PILOT Rates:

- \$2,100 a year for Community Solar array
- 20 year term
- \$42,000 in new income to town



PPA Energy Rate Option:

- **9.56 cent/kWh electric rate in year 1**
- 3.5% annual escalation rate
- Est. 760,000 kWh Community consumption = **\$10,599** Year 1 savings
- \$1,056,000 in total est. savings to the **Community** over 25 years, based on an Eversource 5% annual escalation



- **NH is ranked 31st in solar installations at 50 MWs**
- **NH has the 8th most expensive electric rates in the US**
- **Power rates have escalated 7.6% annually over the last 12 years**



Town Energy Savings Analysis: (9.56 cent PPA with a 3.5% escalation)

Year	PPA	Utility Rate	Savings Per kWh	Current Rate		
				\$0.1095	5.00%	Projected Rate Escalation
				Annual kWh	Annual Savings	Cumulative Savings
1	\$0.0956	\$0.1095	0.0139	762,500	\$10,599	\$10,599
2	\$0.099	\$0.1150	0.0160	758,688	\$12,161	\$22,760
3	\$0.102	\$0.1207	0.0183	754,894	\$13,826	\$36,585
4	\$0.106	\$0.1268	0.0208	751,120	\$15,598	\$52,183
5	\$0.110	\$0.1331	0.0234	747,364	\$17,484	\$69,668
6	\$0.114	\$0.1398	0.0262	743,627	\$19,490	\$89,158
7	\$0.118	\$0.1467	0.0292	739,909	\$21,623	\$110,781
8	\$0.122	\$0.1541	0.0324	736,209	\$23,888	\$134,669
9	\$0.126	\$0.1618	0.0359	732,528	\$26,294	\$160,963
10	\$0.130	\$0.1699	0.0396	728,866	\$28,847	\$189,810
11	\$0.135	\$0.1784	0.0435	725,221	\$31,555	\$221,365
12	\$0.140	\$0.1873	0.0477	721,595	\$34,427	\$255,791
13	\$0.144	\$0.1966	0.0522	717,987	\$37,470	\$293,262
14	\$0.150	\$0.2065	0.0570	714,397	\$40,695	\$333,957
15	\$0.155	\$0.2168	0.0621	710,825	\$44,110	\$378,067
16	\$0.160	\$0.2276	0.0675	707,271	\$47,726	\$425,794
17	\$0.166	\$0.2390	0.0733	703,735	\$51,553	\$477,346
18	\$0.172	\$0.2510	0.0794	700,216	\$55,601	\$532,947
19	\$0.178	\$0.2635	0.0859	696,715	\$59,882	\$592,829
20	\$0.184	\$0.2767	0.0929	693,232	\$64,408	\$657,237
21	\$0.190	\$0.2905	0.1003	689,765	\$69,192	\$726,429
22	\$0.197	\$0.3051	0.1082	686,317	\$74,247	\$800,675
23	\$0.204	\$0.3203	0.1165	682,885	\$79,586	\$880,261
24	\$0.211	\$0.3363	0.1254	679,471	\$85,224	\$965,485
25	\$0.218	\$0.3531	0.1349	676,073	\$91,177	\$1,056,662

Estimated array location: (est. 100,000 ft2 of usable space)

