



## **Allenstown Community Center can lock-in its power costs at TODAY's low rates!**

NhSolarGarden is pleased to provide this project summary for up to a 54 kW/DC roof mounted solar array to power the Community Center's electrical consumption. This solar array will produce an estimated 60,000 kWhs annually and will be allocated to 80% of the Community Center's meter from the roof mounted solar array. This summary outlines the economic value of the Solar "PPA" Rebate agreement to create a long term stable energy rate and describes the option for the Town to review along with some key indicators to the current state of power in NH.

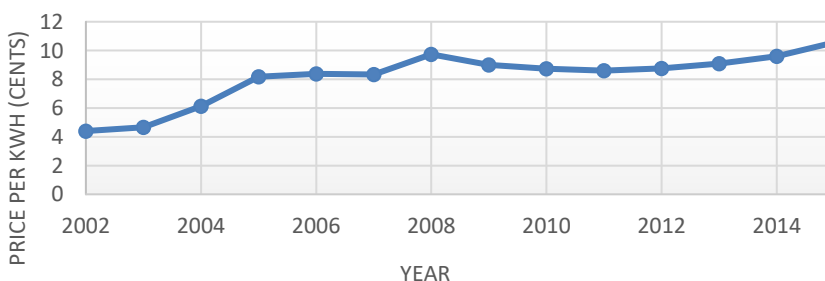
**Community Center Solar Array:** (60% of Center's annual load & 11.1 current kWh rate)

- **10% discount off 3<sup>rd</sup> party Supply & Eversource Delivery rates**
- 8 cents/kWh "floor" rate
- 60,000 kWh electric load = \$668 Year 1 savings
- \$25,000 in total est. savings to the **Center** over 25 years, based on an Eversource 3.8% annual escalation

**Community Center Solar Array est. location:**



New Hampshire Price Per kWh



### **NH Energy Facts**

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



### Community Center "Cumulative" Savings Analysis: (10% discount)

			<div> <div>\$0.1110 3.80%</div> <div>Current Rate Projected Rate Escalation</div> </div>			
Year	PPA	Utility Rate	Savings Per kWh	Annual kWh	Annual Savings	Cumulative Savings
1	\$0.0999	\$0.1110	0.0111	60,170	\$668	<b>\$668</b>
2	\$0.104	\$0.1152	0.0115	59,869	\$690	\$1,358
3	\$0.108	\$0.1196	0.0120	59,570	\$712	\$2,070
4	\$0.112	\$0.1241	0.0124	59,272	\$736	\$2,806
5	\$0.116	\$0.1289	0.0129	58,976	\$760	\$3,566
6	\$0.120	\$0.1338	0.0134	58,681	\$785	\$4,351
7	\$0.125	\$0.1388	0.0139	58,387	\$811	\$5,161
8	\$0.130	\$0.1441	0.0144	58,095	\$837	\$5,999
9	\$0.135	\$0.1496	0.0150	57,805	\$865	\$6,863
10	\$0.140	\$0.1553	0.0155	57,516	\$893	\$7,756
11	\$0.145	\$0.1612	0.0161	57,228	\$922	\$8,679
12	\$0.151	\$0.1673	0.0167	56,942	\$953	\$9,631
13	\$0.156	\$0.1737	0.0174	56,657	\$984	\$10,615
14	\$0.162	\$0.1803	0.0180	56,374	\$1,016	\$11,631
15	\$0.168	\$0.1871	0.0187	56,092	\$1,050	\$12,681
16	\$0.175	\$0.1942	0.0194	55,812	\$1,084	\$13,765
17	\$0.181	\$0.2016	0.0202	55,533	\$1,120	\$14,884
18	\$0.188	\$0.2093	0.0209	55,255	\$1,156	\$16,041
19	\$0.195	\$0.2172	0.0217	54,979	\$1,194	\$17,235
20	\$0.203	\$0.2255	0.0225	54,704	\$1,233	\$18,468
21	\$0.211	\$0.2340	0.0234	54,430	\$1,274	\$19,742
22	\$0.219	\$0.2429	0.0243	54,158	\$1,316	\$21,058
23	\$0.227	\$0.2522	0.0252	53,887	\$1,359	\$22,417
24	\$0.236	\$0.2617	0.0262	53,618	\$1,403	\$23,820
25	\$0.245	\$0.2717	0.0272	53,350	\$1,449	<b>\$25,269</b>