

Food Barn

Project Design

Project State	NH
System Size (kW)	12.96
Generation (kWh/year)	13,600
Year 1 PPA Rate	\$ 0.1500
PPA Escalator year	3
PPA Escalator	2%
Comm. Op. Date	2/13/2015
Today's Date	5/13/2025
Buyout Contract Year	11
Buyout Price From PPA	\$ 1
PPA Term	30

Project Income

Current Utility Rate	\$ 0.1500
Utility Escalator	2.0%
REC Price	\$ 35
REC Term	5

Valuation

Discount rate	6.0%
FMV for 30 year term	\$23,100

Project Expense

Replacement Value	\$32,400
Insurance (per \$1,000)	\$3.10
Insurance Escalator	0%
Insurance Cost	\$100
O&M	\$605
O&M Escalator	3%
Asset Management	\$0
AM Escalator	3%

Year		kWh - Projected	PPA Rate \$/kWh	Energy Sales	RECs	Revenue	Insurance	O&M	Asset Management	Annual Cash flow	NPV Year	NPV
Estimate - 2016	1	13,600	\$ 0.1500							\$0	-10	-
Estimate - 2017	2	13,532	\$ 0.1500							\$0	-9	-
Estimate - 2018	3	13,464	\$ 0.1530							\$0	-8	-
Estimate - 2019	4	13,397	\$ 0.1561							\$0	-7	-
Estimate - 2020	5	13,330	\$ 0.1592							\$0	-6	-
Estimate - 2021	6	13,263	\$ 0.1624							\$0	-5	-
Estimate - 2022	7	13,197	\$ 0.1656							\$0	-4	-
Estimate - 2023	8	13,131	\$ 0.1689							\$0	-3	-
Estimate - 2024	9	13,065	\$ 0.1723							\$0	-2	-
Estimate - 2025	10	13,000	\$ 0.1757							\$0	-1	-
Estimate - 2026	11	12,935	\$ 0.1793	\$ 2,319	\$ 453	\$ 2,772	\$ (100)	\$ (605)	\$ -	\$2,066	0	2,066.08
Estimate - 2027	12	12,870	\$ 0.1828	\$ 2,353	\$ 450	\$ 2,804	\$ (100)	\$ (623)	\$ -	\$2,080	1	1,962.47
Estimate - 2028	13	12,806	\$ 0.1865	\$ 2,388	\$ 448	\$ 2,837	\$ (100)	\$ (642)	\$ -	\$2,094	2	1,863.95
Estimate - 2029	14	12,742	\$ 0.1902	\$ 2,424	\$ 446	\$ 2,870	\$ (100)	\$ (661)	\$ -	\$2,108	3	1,770.28
Estimate - 2030	15	12,678	\$ 0.1940	\$ 2,460	\$ 444	\$ 2,904	\$ (100)	\$ (681)	\$ -	\$2,122	4	1,681.21
Estimate - 2031	16	12,615	\$ 0.1979	\$ 2,497		\$ 2,497	\$ (100)	\$ (701)	\$ -	\$1,695	5	1,266.58
Estimate - 2032	17	12,552	\$ 0.2019	\$ 2,534		\$ 2,534	\$ (100)	\$ (722)	\$ -	\$1,711	6	1,206.28
Estimate - 2033	18	12,489	\$ 0.2059	\$ 2,572		\$ 2,572	\$ (100)	\$ (744)	\$ -	\$1,727	7	1,148.70
Estimate - 2034	19	12,427	\$ 0.2100	\$ 2,610		\$ 2,610	\$ (100)	\$ (766)	\$ -	\$1,743	8	1,093.71
Estimate - 2035	20	12,365	\$ 0.2142	\$ 2,649		\$ 2,649	\$ (100)	\$ (789)	\$ -	\$1,759	9	1,041.21
Estimate - 2036	21	12,303	\$ 0.2185	\$ 2,688		\$ 2,688	\$ (100)	\$ (813)	\$ -	\$1,775	10	991.09
Estimate - 2037	22	12,241	\$ 0.2229	\$ 2,728		\$ 2,728	\$ (100)	\$ (837)	\$ -	\$1,791	11	943.25

Estimate - 2038	23	12,180	\$ 0.2273	\$ 2,769		\$ 2,769	\$ (100)	\$ (863)	\$ -	\$1,806	12	897.57
Estimate - 2039	24	12,119	\$ 0.2319	\$ 2,810		\$ 2,810	\$ (100)	\$ (888)	\$ -	\$1,821	13	853.98
Estimate - 2040	25	12,058	\$ 0.2365	\$ 2,852		\$ 2,852	\$ (100)	\$ (915)	\$ -	\$1,837	14	812.37
Estimate - 2041	26	11,998	\$ 0.2413	\$ 2,895		\$ 2,895	\$ (100)	\$ (943)	\$ -	\$1,852	15	772.67
Estimate - 2042	27	11,938	\$ 0.2461	\$ 2,938		\$ 2,938	\$ (100)	\$ (971)	\$ -	\$1,867	16	734.78
Estimate - 2043	28	11,879	\$ 0.2510	\$ 2,982		\$ 2,982	\$ (100)	\$ (1,000)	\$ -	\$1,881	17	698.63
Estimate - 2044	29	11,819	\$ 0.2560	\$ 3,026		\$ 3,026	\$ (100)	\$ (1,030)	\$ -	\$1,896	18	664.14
Estimate - 2045	30	11,760	\$ 0.2612	\$ 3,071		\$ 3,071	\$ (100)	\$ (1,061)	\$ -	\$1,910	19	631.23
Estimate - 2046	31	11,701	\$ 0.2664	\$ 3,117		\$ 3,117	\$ (100)	\$ (1,093)	\$ -	\$1,924	20	599.85
Estimate - 2047	32	11,643	\$ 0.2717	\$ 3,163		\$ 3,163	\$ (100)	\$ (1,125)	\$ -	\$1,937	21	569.91
Estimate - 2048	33	11,585	\$ 0.2771	\$ 3,211		\$ 3,211	\$ (100)	\$ (1,159)	\$ -	\$1,951	22	541.36
Estimate - 2049	34	11,527	\$ 0.2827	\$ 3,258		\$ 3,258	\$ (100)	\$ (1,194)	\$ -	\$1,964	23	514.14
Estimate - 2050	35	11,469	\$ 0.2883	\$ 3,307		\$ 3,307	\$ (100)	\$ (1,230)	\$ -	\$1,977	24	488.18
Estimate - 2051	36	11,412	\$ 0.2941	\$ 3,356		\$ 3,356	\$ (100)	\$ (1,267)	\$ -	\$1,989	25	463.43
Estimate - 2052	37	11,355	\$ 0.3000	\$ 3,406		\$ 3,406	\$ (100)	\$ (1,305)	\$ -	\$2,001	26	439.84
Estimate - 2053	38	11,298	\$ 0.3060	\$ 3,457		\$ 3,457	\$ (100)	\$ (1,344)	\$ -	\$2,013	27	417.35
Estimate - 2054	39	11,241	\$ 0.3121	\$ 3,508		\$ 3,508	\$ (100)	\$ (1,384)	\$ -	\$2,024	28	395.92
Estimate - 2055	40	11,185	\$ 0.3183	\$ 3,561		\$ 3,561	\$ (100)	\$ (1,426)	\$ -	\$2,035	29	375.49