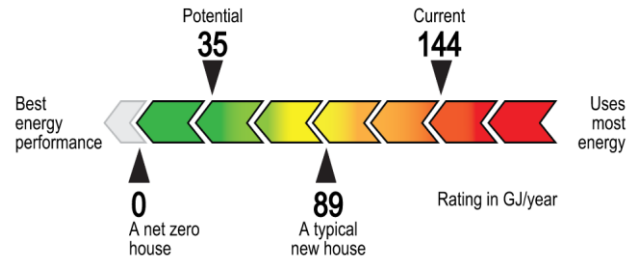




## Estimated Energy Consumption

### PROJECT INFORMATION

Homeowner Name	Doe, John
Project Address	1234 Sample Project Rd
Data Collected	2020-11-01



### ESTIMATED ANNUAL ENERGY CONSUMPTION SUMMARY

Fuel	Space Heating	Space Cooling	DHW Heating	Baseloads	Ventilation	Total		
<b>Before Upgrades</b>						<b>144</b>	<b>GJ</b>	
Electricity (kWh)	28518.8	0	4309.8	7117.4	46.9	<b>39993</b>	<b>kWh</b>	
<b>After Upgrades</b>						<b>35</b>	<b>GJ</b>	
Electricity (kWh)	4454.10	1540.50	1304.60	7117.40	221.50	14482.3	kWh	
					PV generation applied to electrical consumption	4758.3	kWh	
					<b>Net electrical consumption</b>	<b>9724.0</b>	<b>kWh</b>	
<b>Total Energy Savings Per Year</b>								
						<b>76%</b>	<b>109</b>	<b>GJ</b>

### ESTIMATED ANNUAL ENERGY UTILITY COSTS

RATE	Electricity	Natural Gas	Oil	Propane	Total		
<b>Before Upgrades</b>							
\$	\$5,191.10	\$0.00	\$0.00	\$0.00	<b>\$5,191.09</b>		
<b>After Upgrades</b>							
\$	\$1,126.11	\$0.00	\$0.00	\$0.00	<b>\$1,126.11</b>		
<b>Total Energy Savings Per Year</b>							
						<b>78%</b>	<b>\$4,064.98</b>

\*\*The calculated heat losses and energy consumptions are only estimates, based upon the data entered and assumptions within the our modeling program. Actual energy consumption and heat losses will be influenced by construction practices, localized weather, equipment characteristics and the lifestyle of the occupants.



## Economic Analysis

Year	Without Upgrades		Estimated Annual Energy Utility Costs After Upgrades @ 2.4% Inflation				
	Annual Utility Costs	Cumulative Utility Costs	Annual Gas Savings	Annual Electric Savings	Cumulative Utility Savings	Annual Utility Costs	Cumulative Utility Costs
1	\$5,191.09	\$5,191.09	\$0.00	\$4,064.99	\$4,064.99	\$1,126.11	\$1,126.11
2	\$5,315.68	\$10,506.77	\$0.00	\$4,162.55	\$8,227.54	\$1,153.14	\$2,279.25
3	\$5,443.25	\$15,950.02	\$0.00	\$4,262.45	\$12,489.99	\$1,180.81	\$3,460.06
4	\$5,573.89	\$21,523.91	\$0.00	\$4,364.75	\$16,854.74	\$1,209.15	\$4,669.21
5	\$5,707.66	\$27,231.57	\$0.00	\$4,469.50	\$21,324.24	\$1,238.17	\$5,907.38
6	\$5,844.65	\$33,076.22	\$0.00	\$4,576.77	\$25,901.02	\$1,267.89	\$7,175.27
7	\$5,984.92	\$39,061.14	\$0.00	\$4,686.61	\$30,587.63	\$1,298.32	\$8,473.58
8	\$6,128.56	\$45,189.70	\$0.00	\$4,799.09	\$35,386.72	\$1,329.48	\$9,803.06
9	\$6,275.64	\$51,465.34	\$0.00	\$4,914.27	\$40,301.00	\$1,361.38	\$11,164.44
10	\$6,426.26	\$57,891.60	\$0.00	\$5,032.21	\$45,333.21	\$1,394.06	\$12,558.50
11	\$6,580.49	\$64,472.09	\$0.00	\$5,152.99	\$50,486.20	\$1,427.51	\$13,986.01
12	\$6,738.42	\$71,210.51	\$0.00	\$5,276.66	\$55,762.85	\$1,461.77	\$15,447.79
13	\$6,900.14	\$78,110.65	\$0.00	\$5,403.30	\$61,166.15	\$1,496.86	\$16,944.65
14	\$7,065.75	\$85,176.39	\$0.00	\$5,532.98	\$66,699.13	\$1,532.78	\$18,477.43
15	\$7,235.32	\$92,411.72	\$0.00	\$5,665.77	\$72,364.90	\$1,569.57	\$20,047.00
16	\$7,408.97	\$99,820.69	\$0.00	\$5,801.75	\$78,166.65	\$1,607.24	\$21,654.23
17	\$7,586.79	\$107,407.48	\$0.00	\$5,940.99	\$84,107.64	\$1,645.81	\$23,300.05
18	\$7,768.87	\$115,176.34	\$0.00	\$6,083.57	\$90,191.21	\$1,685.31	\$24,985.36
19	\$7,955.32	\$123,131.67	\$0.00	\$6,229.58	\$96,420.79	\$1,725.76	\$26,711.11
20	\$8,146.25	\$131,277.92	\$0.00	\$6,379.09	\$102,799.88	\$1,767.18	\$28,478.29
21	\$8,341.76	\$139,619.68	\$0.00	\$6,532.19	\$109,332.07	\$1,809.59	\$30,287.88
22	\$8,541.96	\$148,161.64	\$0.00	\$6,688.96	\$116,021.03	\$1,853.02	\$32,140.90
23	\$8,746.97	\$156,908.61	\$0.00	\$6,849.49	\$122,870.52	\$1,897.49	\$34,038.39
24	\$8,956.90	\$165,865.51	\$0.00	\$7,013.88	\$129,884.40	\$1,943.03	\$35,981.42
25	\$9,171.86	\$175,037.37	\$0.00	\$7,182.22	\$137,066.62	\$1,989.66	\$37,971.09